

19980220.qrp v01\_n007.qrs.980220

Date: Fri, 20 Feb 1998 19:03:10 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 1007

QRP-L Digest 1007

Topics covered in this issue include:

- 1) [4335] Vertical Dipole is Alive  
by jdenison@morelr.com (JOEL DENISON)
- 2) [4336] Re: Band Plans  
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 3) [4337] QRP Problem  
by launerb@crl.com (William H. Launer)
- 4) [4338] FOX snagged  
by Jess Gypin <jessqrp@concentric.net>
- 5) [4339] Re: The smell of Fox blood  
by Shepherd@aol.com
- 6) [4340] Correction to N/T+ Log for 2/18/98  
by Shepherd@aol.com
- 7) [4341] Re: N/T+ Fox Results for 2/18/98  
by Shepherd@aol.com
- 8) [4342] Fox  
by Jerrydeen@aol.com
- 9) [4343] Re: RS Freq Counter - Help Please  
by "Mullins, Michael (MJ)" <MJMULLINS@dow.com>
- 10) [4344] Sub Arctic Fox II report  
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 11) [4345] ARRL SS High Claimed QRP Scores  
by Hank Kohl K8DD <k8dd@contesting.com>
- 12) [4346] hfprop for Sub Arctic Fox  
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 13) [4347] re: 2-Meter Hand-Held (UPDATE)  
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 14) [4348] Re: Band Plans  
by n7mfb@juno.com (Bill Todd)
- 15) [4349] Re: EleCraft K2 Computer Interface  
by "Eric Swartz, WA6HHQ EleCraft" <erics@elecraft.com>
- 16) [4350] Re: Band Plans  
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 17) [4351] Radio Shack HTX-202 Problem  
by nq2rp@juno.com (B/BAMS Club Station)
- 18) [4352] SS 97  
by Monte Stark <ku7y@dri.edu>
- 19) [4353] mouser on cd-rom

- by Phil <k6ls@prolynx.com>
- 20) [4354] test equipment manuals...  
by Phil <k6ls@prolynx.com>
- 21) [4355] Re: PCs & QRP RIGS  
by n3fel@juno.com (Howard D Rubin)
- 22) [4356] Re: Radio Shack HTX-202 Problem  
by LYN WILLIAMS <designserv@ipass.net>
- 23) [4357] RE: RF Probe Parts  
by Chuck Carpenter <w5usj@webwide.net>
- 24) [4358] Re; PIC's/Stamps  
by Jack Parker <Pparker@greatbasin.net>
- 25) [4359] Re" PCs and QRP rigs  
by Chuck Carpenter <w5usj@webwide.net>
- 26) [4360] Re: sloppy code...sort of  
by Jack Parker <Pparker@greatbasin.net>
- 27) [4361] Re: Re" PCs and QRP rigs  
by Andy Fox <foxes@theriver.com>
- 28) [4362]  
by Charles Davis <cdavis@unlinfo.unl.edu>
- 29) [4363] Sound blaster DSP software  
by Bill Jones <kd7s@psnw.com>
- 30) [4364] wat a coincidence  
by jim <kw3u@warwick.net>
- 31) [4365] Re: mouser on cd-rom  
by Phil <k6ls@prolynx.com>
- 32) [4366] FOX: W5FN Final results  
by Tim Ahrens <tahrens@inetport.com>
- 33) [4367] "Back to the Future" Project Updates  
by "Heron, George" <G.Heron@dialogic.com>
- 34) [4368] re: PC's & QRP Rigs  
by kc4mhm@juno.com
- 35) [4369] Fox Tip  
by Dan Tayloe-P26412 <Dan\_Tayloe-P26412@email.mot.com>
- 36) [4370] FOX SCORES [long]  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 37) [4371] Re: Fox Tip  
by Ed Tanton <n4xy@bellsouth.net>
- 38) [4372] Pixie/49er Contest Results  
by Randy Hargenrader <randyh@harksystems.com>
- 39) [4373] FOXHUNTING QRP-L STYLE  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 40) [4374] Missed Q's  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 41) [4375] Re: sloppy code...sort of  
by "Ray Lowe" <wd5dhk@hotmail.com>
- 42) [4376] Re: Fox Tip  
by Ed Loranger <we6w@qsl.net>
- 43) [4377] HELP With DSP Software

by DENNISMO@aol.com

44) [4378] Re: Re" PCs and QRP rigs  
by D Bullard <dbullard@peachnet.campus.mci.net>

45) [4379] Re: sloppy code...sort of  
by "tom palmer" <n1tp@worldnet.att.net>

46) [4380] Re: HELP With DSP Software  
by Bill Jones <kd7s@psnw.com>

47) [4381] Re: Pixie/49er Contest Results  
by Ed Loranger <we6w@qsl.net>

48) [4382] Re: Re" PCs and QRP rigs  
by Andy Fox <foxes@theriver.com>

49) [4383] Re: sloppy code...sort of  
by Monte Stark <ku7y@sage.dri.edu>

50) [4384] 9 MHz XTAL filter I built.  
by Ed Loranger <we6w@qsl.net>

51) [4385] re: PC's & QRP Rigs  
by Steven Weber <kd1jv@moose.ncia.net>

52) [4386] Contest This Weekend???

by Derek Brown <DBrown@RFMD.com>

53) [4387] Re: PC's & QRP Rigs  
by Laura Halliday <ve7ldh@direct.ca>

54) [4388] QSL buro 3-call QRPers  
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

55) [4389] Vertical Dipole  
by jdenison@morelr.com (JOEL DENISON)

56) [4390] 2N2222 rig: Power amp behavior  
by traylor@ECE.ORST.EDU (Roger Traylor)

57) [4391] Re: 2N2222 rig: Power amp behavior  
by PDouglas12@aol.com

58) [4392] Pixie/49er Contest SoapBox  
by Randy Hargenrader <randyh@harksystems.com>

59) [4393] Magnetic mounts  
by "Russell W. white" <ruswhite@netzone.com>

60) [4394] Re: Magnetic mounts  
by Phil <k6ls@prolynx.com>

61) [4395] Key Clicks  
by MSU1972@aol.com

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Date: Thu, 19 Feb 1998 18:00:28 -0600 (CST)  
From: jdenison@morelr.com (JOEL DENISON)  
To: qrp-l@Lehigh.EDU  
Subject: [4335] Vertical Dipole is Alive  
Message-ID: <199802200000.SAA13417@m20.morelr.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi everebdy:

I did some listening this morning with the two antennas vert & horiz dipoles. Seems the vertical does a bit better on the long haul (like it should)

I want to see what it will do on thirty meters in the afternoon and on twenty meters... will keep u posted

High Ade... got the thing in the air... Sure is quiet for a vertical

72 joel wa5cvm in maine

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)

Gentle Lady (RC Sail Plane)(049 engine - start)

80 mtr dipole up 50ft

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

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Date: Thu, 19 Feb 1998 19:59:20 -0500 (EST)

From: "J. Skalski" <jskalski@acsu.buffalo.edu>

To: Ray Lowe <wd5dhk@hotmail.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [4336] Re: Band Plans

Message-ID: <Pine.GS0.3.96.980219195159.5169A-100000@hercules.acsu.buffalo.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Maybe a system not unlike the O.O. (Official Observer) would be helpful.  
Send them a brief description of QRP.

When I was a beginner making homemade equipment; there were occasions when my signal radiated on several frequencies. This was at the same time. My own version of a multiband simulcast. 80,40 and 20 meters. There were probably other frequencies.

If you were unlucky....you would get a warning from the FCC.(Federal Communications Commision) . If you were lucky you would get a friendly reminder from an Official Observer.

I wonder if Ted Kaczynski would be interested in the job? (hee hee)

Jim N2GO  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
Life member ARRL  
jskalski@acsu.Buffalo.EDU

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Date: Thu, 19 Feb 1998 19:41:16 -0600  
From: launerb@crl.com (William H. Launer)  
To: qrp-l@Lehigh.EDU  
Subject: [4337] QRP Problem  
Message-ID: <v01530501b1128889bc5e@[192.0.2.1]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRP Gang,

I've suddenly developed a serious problem! On Tuesday, I called Oak Hills Research and ordered kits for the 40 meter OHR100A transceiver, and the DD-1 digital dial. This evening (Thursday), as we were getting up from the dinner table, the UPS man walked on the front porch with a box from OHR. The problem is that I'm afraid to open the parts bags; if I do, I may disappear into the workshop and not reappear until both units are finished!

Seriously, though, the kits are well packaged, and the construction manuals are reminiscent of the Heathkit and Knightkit manuals that I used more years ago than I care to remember. The folks at OHR put in a lot of effort to ensure that their kits can be built by the beginner as well as the experienced builder.

Now I have to clean off the workbench, and inventory the parts. Then, I can begin to melt solder.

72/73, Bill wb0cld

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-l #279 qrp arci #3551  
Grid Square EM48RT

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Date: Thu, 19 Feb 1998 19:24:45 -0700  
From: Jess Gypin <jessqrp@concentric.net>  
To: qrp-1@Lehigh.EDU  
Subject: [4338] FOX snagged  
Message-ID: <34ECE96C.E1F88D09@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Weird conditions tonight. Fox was 349 449 bet but still got him first call. Listened to him on the 130 foot twin lead fed vee and then on the Gap Titan. No much difference in the received signal. I really thought that the vee would beat the vertical. Called him with the OHR 400 at 3 watts to the inv vee. By the way, I think that it is a crime that OHR does not sell the OHR 400 anymore. There is no way I would ever give mine up. Best receiver and sharpest crystal filter of all that I have tried and own. The Emtech NW 40 that I have is just as good, but does not have multiple bands. It does have the ABX filter though.....Like em all I guess. Just wish that others could build the 400. Great radio, even if it is a bit chunky. Still my main shack rig.

Best

--  
Jess NOTFI <><  
<http://www.concentric.net/~jessqrp> Personal Home page  
<http://qsl.net/NOTFI> Fox Audio Page

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Date: Thu, 19 Feb 1998 21:52:20 EST  
From: Shephed@aol.com  
To: paul1@wizard.ucs.sfu.ca, qrp-1@Lehigh.EDU  
Subject: [4339] Re: The smell of Fox blood  
Message-ID: <ca6b8a79.34ecef7@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

In a message dated 2/19/98 5:42:55 PM Eastern Standard Time,  
paul1@wizard.ucs.sfu.ca writes:

> Hope to make it three for you tonight.

Paul,

Great disappointment here in Ohio tonight, listened for you for two hours but  
no luck. :-(

Thought I did hear you once, but you slipped back into the abyss.

I'll get you next time.

72, 73

Dan, N8VZU/AG

QRP-L #1404

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Date: Thu, 19 Feb 1998 21:54:52 EST  
From: Shephed@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [4340] Correction to N/T+ Log for 2/18/98  
Message-ID: <3c67ccc2.34ecf07f@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Many apologies to Doc, I entered your call as N0EVZ.  
Sorry about that. Here's the correct log.

Call	UTC	Name	Snt/Rec	State	Power
-----					
K0EVZ		0002 Doc	579/559		Mn 5W
WA1QVM	0006	Joel	569/569	Ma	4W
VE3SP		0011 Ron	559/549		Ont 4W
K0EVZ		0038 Doc	229/549		Mn .95 W (Show off, hi hi )
KC4GIA	0051	Mark	559/559	Va	
N1QQV		0059 Ken	559/559		Ct 5W
KD5CMN	0122	Mike	339/229	Tx	5W
KC1FB		0130 Jim	449/449		Ct 4W
N6MM	0143	Harvey	449/559	Ca	5W

72,73

Dan, N8VZU/AG

QRP-L #1404

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Date: Thu, 19 Feb 1998 21:56:56 EST  
From: Shepherd@aol.com  
To: 70511.3041@compuserve.com, qrp-1@Lehigh.EDU  
Subject: [4341] Re: N/T+ Fox Results for 2/18/98  
Message-ID: <63324b79.34ecf0fa@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

In a message dated 2/18/98 9:56:47 PM Eastern Standard Time,  
70511.3041@compuserve.com writes:

> Hmmmmm...you logged me as \*N\*0EVZ...but actually I am \*K\*0EVZ!  
Oops, sorry about that Doc, I sent an updated log to the group.

I'll be on the lookout for you Monday night.

72,73  
Dan, N8VZU/AG  
QRP-L #1404

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Date: Thu, 19 Feb 1998 22:05:27 EST  
From: Jerrydeen@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [4342] Fox  
Message-ID: <ca6b9cf6.34ecf2f9@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Paul, VE7CQK, thanks for digging me out. Qrm was horrendous here. I hope I  
didn't slow you down too much, or qrm anyone else. Sounded like lots of  
contacts for you. FB job, Paul. Thanks for the contact.

72 Jerry WB0T

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Date: Thu, 19 Feb 1998 22:52:56 -0500  
From: "Mullins, Michael (MJ)" <MJMULLINS@dow.com>  
To: "'qrp-1'" <qrp-1@Lehigh.EDU>



Subject: [4343] Re: RS Freq Counter - Help Please

Message-ID:

<c=WW%a=ATTMAIL%p=DOW%l=TXNTE10-980220035256Z-60099@mante02.nam.dow.com>

Keep in mind that the front end of these counters is a wide-band amplifier with at least 50 dB gain. Speaking from experience, it's difficult to keep these amplifiers from oscillating, especially if the input impedance is high. I would say that the frequency you're observing is normal behavior.

Mike Mullins KD5CMN, Lake Jackson, TX

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Date: Thu, 19 Feb 98 21:22:34 PST

From: Paul Erickson <paul1@wizard.ucs.sfu.ca>

To: qrp-1@Lehigh.EDU (qrp)

Subject: [4344] Sub Arctic Fox II report

Message-ID: <9802200522.AA16204@wizard.ucs.sfu.ca>

Well, it was an interesting time. First of all, thanks to Dave VE7CFD for the use of his station with the 2el Force12 at 65ft. Upon arrival discovered that my previous fox files had been deleted from the computer so had to scramble to and ftp some files and reedit them. Still don't have things set up to be as smooth as I would like, but next time. Then got my ts940 setup with time to spare, and worked the 9M0C on 15mtrs on the second call... Some day, I'm going to have antennas like this 8-).

Then looked of clear frequency, and the pileup began. Got the first call fine, but for some reason TRlog refused to log it because it said the the information was not in the correct form. That caused the initial pause thanks for sticking with me Arleen. When it finally accepted it, the rest of the logging went fine. Conditions started out pretty good, and I was hoping to break 80q's but that was not to be. The last 20 minutes were relatively dead. Thanks to those who kept me company toward the end.

Other than one initial problem caller, everyone conducted themselves very well in the pileup. I really appreciated it.

I would be interested in hearing from any that I did not call. I discovered at one stage that after using the additional audio filter to dig out a weak one, I forgot to switch it out, and so may have missed hearing some of you. Again, any constructive feedback will be appreciated.

While not a record by any means, I'm reasonably pleased.

Thanks Chuck for letting me participate.

Initial log follows.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

1998/02/20 FOX LOG - VE7CQK

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth	Mults
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40CW	20-Feb-98	01:02	1	K6VNX		559	559	CA 5W	ARLEEN	1
40CW	20-Feb-98	01:04	2	W6ZH		559	589	PETE 257	CA	1
40CW	20-Feb-98	01:04	3	KU7Y	*	559	17	NV RON	579	1
40CW	20-Feb-98	01:07	4	W7SSM		559	559	CA JOHN	1048	1
40CW	20-Feb-98	01:08	5	K2VCO		549	559	VIC 725	CA	1
40CW	20-Feb-98	01:09	6	AB7TK		559	579	RANDY 102	ID	1
40CW	20-Feb-98	01:11	7	N7GS	*	559	815	MT MAL	569	1
40CW	20-Feb-98	01:11	8	AB7TT		559	559	JOE 191	AZ	1
40CW	20-Feb-98	01:12	9	NQ7X	*	559	343	AZ FLOYD	559	1
40CW	20-Feb-98	01:14	10	K06KA	*	559	176	CA ROB	579	1
40CW	20-Feb-98	01:14	11	KI7MN	*	559	271	AZ BOB	559	1
40CW	20-Feb-98	01:15	12	AB5UA	*	559	478	OK CLIF	559	1
40CW	20-Feb-98	01:16	13	K5OI		559	559	TIM 73	NM	1
40CW	20-Feb-98	01:18	14	N5JI		559	449	DICK 1054	TX	1
40CW	20-Feb-98	01:20	15	W4YNG		549	449	HAL 5W	AL	1
40CW	20-Feb-98	01:22	16	VE6EWM		539	569	EARL 1076	AB	1
40CW	20-Feb-98	01:25	17	K5JHP		539	825	339		1
40CW	20-Feb-98	01:29	18	N7XJW		529	339	BERTIE 1259	AZ	1
40CW	20-Feb-98	01:30	19	N7KT	*	539	62	AZ ROGER	559	1
40CW	20-Feb-98	01:31	20	AA6R	*	539	406	CA GARY	559	1
40CW	20-Feb-98	01:32	21	W0CH	*	539	618	MO DAVE	449	1
40CW	20-Feb-98	01:34	22	K0EVZ	*	539	539	DOC 861	TX	1
40CW	20-Feb-98	01:35	23	N6WG	*	539	26	CA BOB	549	1
40CW	20-Feb-98	01:36	24	K5ON	*	539	770	NM GARY	569	1
40CW	20-Feb-98	01:37	25	K1MG	*	569	614	CA MIKE	579	1
40CW	20-Feb-98	01:38	26	K10J	*	549	732	TX OJ	449	1
40CW	20-Feb-98	01:39	27	K5JHP		539	825	TX BILL	339	0
40CW	20-Feb-98	01:40	28	K5ZTY	*	539	473	TX BILL	339	1
40CW	20-Feb-98	01:42	29	KF6CTA		559	559	DICK 951	CA	1
40CW	20-Feb-98	01:44	30	KQ5U		549	549	TERRY 5W	TX	1
40CW	20-Feb-98	01:46	31	NV8ZNU		539	549	MARK 1431	MI	1
40CW	20-Feb-98	01:47	32	W5SB		559	339	TX 1279	BILL	1
40CW	20-Feb-98	01:50	33	VE7CTN		549	599	DAN 836	BC	1

40CW	20-Feb-98	01:51	34	W0RW	*	559	579	PAUL 2W	CO	1
40CW	20-Feb-98	01:52	35	W6SU	*	529	48	CA JOHN	559	1
40CW	20-Feb-98	01:53	36	WE6W		579	599	ED 1068	CA	1
40CW	20-Feb-98	01:55	37	K5VUU		539	539	ED 1343	TX	1
40CW	20-Feb-98	01:57	38	N7VE		539	559	DAN 5W	AZ	1
40CW	20-Feb-98	01:58	39	N4ROA		529	439	DAN 970	VA	1
40CW	20-Feb-98	02:00	40	K5ID	*	539	652	AZ KEN	339	1
40CW	20-Feb-98	02:01	41	N1TP		529	599			1
40CW	20-Feb-98	02:02	42	N1TP		529	339	TOM 1317	FL	0
40CW	20-Feb-98	02:03	43	W4YNG		529	449	HAL 5W	AL	0
40CW	20-Feb-98	02:04	44	VE3JC	*	539	744	ON JOHN	559	1
40CW	20-Feb-98	02:06	45	N1QQV	*	539	400	CT KEN	339	1
40CW	20-Feb-98	02:08	46	NG0M	*	539	386	NEBA CHUCK	559	1
40CW	20-Feb-98	02:12	47	AB0GO		529	339	DAVE 785	CO	1
40CW	20-Feb-98	02:13	48	AB7MY	*	539	571	AZ GARY	549	1
40CW	20-Feb-98	02:14	49	NG0M	*	529	386	NE CHUCK	539	0
40CW	20-Feb-98	02:18	50	N0TFI	*	529	339	JESS 1232	CO	1

1998/02/20 FOX LOG - VE7CQK

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth	Mults
----	----	----	----	-----	-----	-----	-----	-----	----	-----
40CW	20-Feb-98	02:20	51	WA8GHZ		539	539	JACK 619	TX	1
40CW	20-Feb-98	02:22	52	WB0T		539	339	JERRY 1268	IA	1
40CW	20-Feb-98	02:25	53	WB4EXW		529	229	DOC 5W	NC	1
40CW	20-Feb-98	02:27	54	KA5T	*	529	89	TX LARRY	449	1
40CW	20-Feb-98	02:28	55	W5FN	*	539	586	TX TIM	459	1
40CW	20-Feb-98	02:30	56	K5UP	*	529	21	OK GLEN	449	1
40CW	20-Feb-98	02:30	57	K5FO	*	529	1	TX CHUCK	559	1
40CW	20-Feb-98	02:31	58	KB9IUA		529	229	KEVIN	IL	1
40CW	20-Feb-98	02:33	59	N0BS		529	339	TOM 985	MN	1
40CW	20-Feb-98	02:37	60	W0RSP	*	529	559	ADE 4W	SD	1
40CW	20-Feb-98	02:38	61	N6VZ		539	559	GARRY 919	CA	1
40CW	20-Feb-98	02:39	62	W6BAB		539	579	HARVEY 5W	CA	1
40CW	20-Feb-98	02:41	63	N7IR		559	579	GARY 1330	AZ	1
40CW	20-Feb-98	02:46	64	AA5TA		529	339	LARRY 1245	TX	1
40CW	20-Feb-98	02:48	65	N9DD	*	529	32	IN TOM	449	1
40CW	20-Feb-98	02:49	66	K9SU		529	449	RICK 539	CO	1
40CW	20-Feb-98	03:00	67	AA0B		529	439	ROY 5W	CO	1

Total Q's 67 - 4 dupes = 63

-----  
Date: Fri, 20 Feb 1998 00:41:23 -0500  
From: Hank Kohl K8DD <k8dd@contesting.com>  
To: qrp-1@Lehigh.EDU  
Subject: [4345] ARRL SS High Claimed QRP Scores  
Message-ID: <3.0.1.32.19980220004123.00f58718@192.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

ARRL Sweepstakes High Claimed Scores were posted on the ARRL web site this week.

<http://www.arrl.org/contests/claimed/>

The QRP scores are FIRST in the listings. There are some real familiar calls on the list.

73 Hank K8DD

\*/ Hank Kohl K8DD k8dd@contesting.com  
\*/ ARRL TS (k8dd@tir.com)  
\*/ G-QRP ARRL/LM QCWA/LM QCAO/LM  
\*/ QRP-ARCI - Director MI-QRP - Vice Pres.  
\*/ <http://www.QRPARCI.org>  
\*/ <http://www.geocities.com/capecanaveral/2844/miqrp.htm>

-----  
Date: Thu, 19 Feb 98 21:50:19 PST  
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>  
To: qrp-1@Lehigh.EDU (qrp)  
Subject: [4346] hfprop for Sub Arctic Fox  
Message-ID: <9802200550.AA16918@wizard.ucs.sfu.ca>

Well, this might explain some of the funny propagation we encountered tonight.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

> # Latest High Frequency Radio Propagation Report

> #------

> SUBJ: HF RADIO PROPAGATION REPORT  
> JOINT USAF/NOAA BULLETIN PREPARED BY 55SWXS, FALCON AFB, CO.  
> PRIMARY HF RADIO PROPAGATION REPORT ISSUED AT 20/0505Z FEB 98.  
> PART I. SUMMARY 20/0000Z TO 20/0600Z FEB 98.  
> FORECAST 20/0600Z TO 20/1200Z FEB 98.  
>  
> QUADRANT  
> I II III IV  
> 0 TO 90W 90W TO 180 180 TO 90E 90E TO 0  
> REGION POLAR N4 N4 N4 N4  
> AURORAL N4 N4 N5 N5  
> MIDDLE N5 N5 N6 N6  
> LOW N7 N7 N7 N7  
> EQUATORIAL N6 N7 N7 N7

-----  
Date: Thu, 19 Feb 1998 22:14:19 -0800  
From: Chuck and Michele Snyder <csnyder@nextdim.com>  
To: QRP <qrp-l@Lehigh.EDU>  
Subject: [4347] re: 2-Meter Hand-Held (UPDATE)  
Message-ID: <34ED1F3B.B62C96BA@nextdim.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Good Evening All,

THANK YOU!...YOU THANK!...to all that replied. I really appreciate the participation. Many of you provided me with some great insight and firsthand experience with the HTX 202. After much contemplation, I have come to the conclusion that I will settle for a dual band hand-held radio. Infact, one of the members of this net has offered me a deal that I can't turn down, so hopefully it will soon be a done deal.

Again, thanks for the info! How's everyone's RF probe coming along?

(73s)

--  
Chuck Snyder (No\_Call\_Sign\_Yet)  
<http://www.nextdim.com/users/csnyder/index.htm>  
QRP-L #1462  
Spokane, WA

-----  
Date: Fri, 20 Feb 1998 00:54:22 EST  
From: n7mfb@juno.com (Bill Todd)  
To: n7kt@earthlink.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [4348] Re: Band Plans  
Message-ID: <19980219.214945.7039.0.n7mfb@juno.com>

Hi Roger -

Some of the flames may come from people who are just plain unhappy with life. That's all you can say. It is pretty easy to "yell" at someone on an E-mail list...people who you will probably never meet

It's the old "kick the cat syndrome".

1. The boss yells at you
2. You yell at someone your "junior"
3. Your Junior yells at the gas station attendant
4. The gas station attendant yells at his kid
5. The kid kicks the cat

CUL, Bill-N7MFB

--

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 19 Feb 1998 22:39:08 -0800  
From: "Eric Swartz, WA6HHQ EleCraft" <erics@elecraft.com>  
To: Paul Erickson <paul1@wizard.ucs.sfu.ca>  
Cc: qrp <qrp-1@Lehigh.EDU>  
Subject: [4349] Re: EleCraft K2 Computer Interface  
Message-ID: <34ED250B.400D4D99@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Paul Erickson wrote:

> Some time ago I sent a message asking what protocol was going to be  
> used in the computer interface. Has it been decided yet? If not,  
> I hope the Kenwood command set will be used. Software producers  
> such as N6TR seem to prefer it.  
>

Hi Paul,

Kenwood it is! I agree - It gives us the most rig control of all the  
protocols (including S-Meter read back.) We may offer other protocols  
as an option later if there is substantial demand.

73, Eric

EleCraft <http://www.elecrafter.com>

-----  
Date: Thu, 19 Feb 1998 23:03:33 -0800  
From: Chuck and Michele Snyder <csnyder@nextdim.com>  
To: n7mfb@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [4350] Re: Band Plans  
Message-ID: <34ED2AC5.CA6D2F7@nextdim.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bill & Roger,

That sounds like a real bad day at the office. There are other people  
that will give you a pat on the back and say, "Job, well done." I can  
remember when I was in the army while in Korea and when ever I pissed-off a  
korean. They would call me, "numba-ten...G.I.!" You guys are, "Numba-One!"

--

Chuck Snyder (No\_Call\_Sign\_Yet)  
<http://www.nextdim.com/users/csnyder/index.htm>  
QRP-L #1462  
Spokane, WA

Bill Todd wrote:

> Hi Roger -  
>  
> Some of the flames may come from people who are just plain unhappy with

> life. That's all you can say. It is pretty easy to "yell" at someone on  
> an E-mail list...people who you will probably never meet  
>  
> It's the old "kick the cat syndrome".  
>  
> 1. The boss yells at you  
> 2. You yell at someone your "junior"  
> 3. Your Junior yells at the gas station attendant  
> 4. The gas station attendant yells at his kid  
> 5. The kid kicks the cat  
>  
> CUL, Bill-N7MFB  
> --  
>  
> -----  
> You don't need to buy Internet access to use free Internet e-mail.  
> Get completely free e-mail from Juno at <http://www.juno.com>  
> Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 19 Feb 1998 21:44:42 EST  
From: nq2rp@juno.com (B/BAMS Club Station)  
To: qrp-1@Lehigh.EDU  
Subject: [4351] Radio Shack HTX-202 Problem  
Message-ID: <19980219.213756.7983.0.nq2rp@juno.com>

Not mine, but Duane's (KF2JC), not from the list (but he runs an Argo!)

Duane gave me a ring tonit. Here's the symptoms:

The HTX-202 in the car popped a 3 Amp fuse, which is wierd as the HT only draws (normally) about 1.5 amps on TX. Duane took it inside and tried it on a power supply. The RX draw was normal, about 40 ma. The TX draw on LOW power (1 watt) was about 900 mA (should be 450 - 500 ma) and was 3.2 amps on HIGH power, which should be 1.5 amps typically.

The final is in connected to the Vcc rail full-time, so if it was shorted, it would have drawn excessive current on RX, too. Duane was wondering if there is an internal adjustment for the power level(s) that



might have drifted out over the last 5 years (The HT is NOT in warrentee).

Any suggestions out there? I don't have one of these beasts, and am out of guesses right now.

Drop me a line here, and I will pass the info back to Duane.

72/73, Keith, WB2VU0 at the keys at B/BAMS  
NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station  
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz  
"Our night light runs more power than our Rig!!!"

---

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 19 Feb 1998 23:40:09 -0800  
From: Monte Stark <ku7y@dri.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [4352] SS 97  
Message-ID: <34ED3359.4044F5D5@dri.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi All,

Wow, 164 QRP entries in the last ARRL SS! Fantastic job and a big THANK YOU to each and every one of you!

Wheeeeeeee,

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M  
QRP ARCI #8829-----NorCal #330-----QRP-L #17-----ARS #49  
AR QRP #150-----DM09cg-----New Washoe City, NV

-----  
Date: Fri, 20 Feb 1998 00:47:14 -0700  
From: Phil <k6ls@prolynx.com>  
To: vhf <vhf@w6yx.stanford.edu>, qrp-l <qrp-l@Lehigh.EDU>  
Subject: [4353] mouser on cd-rom  
Message-ID: <34ED3502.4AAFD8E8@prolynx.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Don't know if this was brought up or not, but  
Mouser Electronics now has their catalog available  
in paper or cd-rom form.

here is where you can sign up for a catalog (your choice, paper,  
cd or both) or you can update your current 'subscription' for what  
ever reason.

<http://www.mouser.com/catalog.html>

Their main web page is <http://www.mouser.com>

--  
73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org  
<http://www.qsl.net/k6ls>  
<http://www.prolynx.com/k6ls>  
DM79oq, Arapahoe County, Colorado  
ITU zone 7, CQ zone 4  
QRP-L #612     NorCal #824  
CQC #471     ARCI #8866

-----  
Date: Fri, 20 Feb 1998 00:58:41 -0700  
From: Phil <k6ls@prolynx.com>  
To: qrp-l <qrp-l@Lehigh.EDU>, vhf <vhf@w6yx.stanford.edu>, colorado qrp club  
<cqclist@lists.sni.net>  
Subject: [4354] test equipment manuals...  
Message-ID: <34ED37B1.37CBDECC@prolynx.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

There have been many inquiries as to where to find a manual for

a certain piece of test equipment. (my own included)

I stumbled upon this list of sources from the following web site today:

<http://tech-services.com/>

Manuals Plus, 100's of thousands of manuals, (801) 882-7188.  
Ed Matsuda, HP & Tek, good quality, fast delivery, great prices, (619) 479-0225  
Manual Merchant, (619) 490-9076, FAX 490-9075, linda\_p@ix.netcom.com.  
Susan, HP, Tek, Fluke, about 10,000 manuals, (800) 435-1516.  
Bob Garcia Tek & Racal, about \$35 each, (770) 977-5701.  
Bob Lee, Tek, (503) 774-6560.  
Deane Kidd, Tek, (503) 625-7363.  
Art May, Military connections, (503) 632-6973.  
Tektronix (800) 426-2200.  
Hewlett Packard (800) 227-8164.  
Wavetek (800) 622-5515.

(fwiw- I have had no problems with Deane Kidd, Tek, HP or Wavetek.)

btw, I did manage to find a manual for my Wavetek 3000-200 via Wavetek themselves. thanks to the good number of folks who pointed me in the right direction.

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org  
<http://www.qsl.net/k6ls>  
<http://www.prolynx.com/k6ls>  
DM79oq, Arapahoe County, Colorado  
ITU zone 7, CQ zone 4  
QRP-L #612 NorCal #824  
CQC #471 ARCI #8866

-----  
Date: Fri, 20 Feb 1998 07:16:21 -0500  
From: n3fel@juno.com (Howard D Rubin)  
To: kd7s@psnw.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [4355] Re: PCs & QRP RIGS  
Message-ID: <19980220.071623.4742.0.n3fel@juno.com>

Bill,

A great idea, but how would you discriminate the signal from the noise? I would suggest really tight bandpass filtering at receiver and if stages, also at audio output. Probably deserves some thought. How about doing the front end at a distance, maybe at the antenna terminals. Then do bandpass tuning at the operator and final (digital) signal processing in the PC?

Regards, Howard Rubin, N3FEL

---

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Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Fri, 20 Feb 1998 07:47:14 -0800  
From: LYN WILLIAMS <designserv@ipass.net>  
To: nq2rp@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [4356] Re: Radio Shack HTX-202 Problem  
Message-ID: <34EDA582.A6F2C7D8@ipass.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Keith & Duane:

Sounds like an intermittent short at the power connector or cable (I assume your 3 amp fuse was on the cig. lighter plug end of the cable).

B/BAMS Club Station wrote:

> Not mine, but Duane's (KF2JC), not from the list (but he runs an Argo!)  
>

---

Date: Fri, 20 Feb 1998 08:07:43 -0600  
From: Chuck Carpenter <w5usj@webwide.net>

To: qrp-1@Lehigh.EDU  
Subject: [4357] RE: RF Probe Parts  
Message-ID: <3.0.1.32.19980220080743.0069cf84@mail.webwide.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

All,

I found a package of 1N34As in my junk box the other day. My impression from some posts here is that 1N34s are hard to come by.

Radio Shack has them (60piv) in the latest catalog at 10 for a buck twenty (pn 276-1123).

Are they any good? I used them for "crystal" sets when my son was in the cub scouts. They seemed to work OK for that.

72/73 -- Chuck, W5USJ, EM22cv  
Rains County, Eagle Capitol of Texas  
ARCI # 5422, QRP-L # 1306, FISTS # 3984

-----  
Date: Fri, 20 Feb 1998 06:29:54 -0800  
From: Jack Parker <Pparker@greatbasin.net>  
To: qrp-1@Lehigh.EDU  
Subject: [4358] Re; PIC's/Stamps  
Message-ID: <3.0.1.32.19980220062954.00695544@mail.greatbasin.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Went to the Tech America web site

<http://www.techam.com/>

and found a very interesting tutorial associated with their "Basic Stamp" catalog listing.

<http://www.techam.com/bsart198.html#Article> top

My experience with Basic Stamps is nil and I found the information useful. Though others might as well.

72/73,

Jack Parker, W7PW

QRP-L #1310, 10GHz VUCC #3, 50MHz WAS, SMIRK #3335, ARRL Life Member, DM-09

"...the time is fast approaching when freedom, public peace, and social order itself will not be able to exist without education."

Alexis de Tocqueville--Democracy in America (1834)

-----  
Date: Fri, 20 Feb 1998 08:39:23 -0600  
From: Chuck Carpenter <w5usj@webwide.net>  
To: "Michael A. Gipe" <mgipe@reliablemeters.com>  
Cc: qrp-l@Lehigh.EDU  
Subject: [4359] Re" PCs and QRP rigs  
Message-ID: <3.0.1.32.19980220083923.0069cf84@mail.webwide.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Mike,

I agree! That's a great idea. Can you and the other digi-technoids and SW engineers also do that for a Mac powerbook?

>Fascinating idea, Bill. How about a PCMCIA QRP transceiver?

Let's see, PCMCIA -- people can't memorize complicated industrial acronyms.

72/73 -- Chuck, W5USJ, EM22cv  
Rains County, Eagle Capitol of Texas  
ARCI # 5422, QRP-L # 1306, FISTS # 3984

-----  
Date: Fri, 20 Feb 1998 06:39:47 -0800  
From: Jack Parker <Pparker@greatbasin.net>  
To: qrp-l@Lehigh.EDU  
Subject: [4360] Re: sloppy code...sort of  
Message-ID: <3.0.1.32.19980220063947.006897f0@mail.greatbasin.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:30 PM 2/18/98 -0800, you wrote:

>Thanks for the reference, Ed

>

> Some of the nicest people you meet are outwardly handicapped,

>but have seemingly endless resources within. Reference "A BRIEF  
>HISTORY OF TIME".

>

<snip>

>

>Sorry to ramble -

>Lyn, W4WDN

>

For those not familiar with the book, it was written by Stephen Hawking, a theoretical physicist who was, according to doctors, supposed to have succumbed to ALS (Lou Gehrig's Disease) some 30 years ago. What he's accomplished from his wheel-chair is a testament to man's capability to overcome adversity!

Sorry for the additional rambling,

-----

Date: Fri, 20 Feb 1998 07:48:38 -0700

From: Andy Fox <foxes@theriver.com>

To: w5usj@webwide.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [4361] Re: Re" PCs and QRP rigs

Message-ID: <34ED97C6.533E4054@theriver.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Chuck,

PCMCIA stands for:

Personal Computer Memory Card International Association

Not the most intuitive acronym. There's some introductory info at:

<http://beta.missilab.com/readertest/standard.html>

Nice FAQ at:

[http://www.pc-card.com/pc\\_card\\_faq.html](http://www.pc-card.com/pc_card_faq.html)

Enjoy,

--

-----  
Andy Fox, KK7HV  
mailto:foxes@theriver.com  
http://personal.riverusers.com/~foxes/  
-----

-----  
Date: Fri, 20 Feb 1998 08:57:36 -0600  
From: Charles Davis <cdavis@unlinfo.unl.edu>  
To: paull@wizard.ucs.sfu.ca  
Cc: qrp-1@Lehigh.EDU  
Message-ID: <1.5.4.32.19980220145736.006842c0@popmail.unl.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Paul,

Sorry about the dupe last night. Wanted to give my MFJ an outing. Paddles hung up on the dit side first time, lack of use. Didn' think I had a good contact so I dug out the old straight key and tried again. Thanks for the pelt.

Chuck, ng0m

Charles Davis, ng0m  
Lincoln, NE  
cdavis@navix.net

-----  
Date: Fri, 20 Feb 1998 07:03:33 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-1@Lehigh.EDU  
Subject: [4363] Sound blaster DSP software  
Message-ID: <34ED9B45.17797552@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Friends,



Several people have asked where they could get a copy of the DSP software for sound blaster cards. The URL is:

<http://www.muenster.de/~welp/sb.htm>

The program itself is called SbFFT12 and it is freeware.

=====  
Bill Jones - KD7S <><  
Sanger, California  
=====

-----  
Date: Fri, 20 Feb 1998 10:53:57 -0500  
From: jim <kw3u@warwick.net>  
To: rut@mcrut.mv.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [4364] wat a coincidence  
Message-ID: <34EDA715.7126@warwick.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Phil Rutledge wrote:

> >  
> Well, I finally got fed up with the wait and cancelled my order. Instead, I  
> picked up a \*very\* clean TS-130 for half the price. It will not only  
> operate at QRP levels, but also has some reserve power to boot. :-)  
>  
> ===PHil=== (K1HS)

Wow, unreal, I just got off the air 7040 with you Phil  
and you did indeed have a great signal, I was going to  
ask if you were qrp-l'er now I know...What are the odds huh?  
72 Jim

-----  
Date: Fri, 20 Feb 1998 09:20:03 -0700  
From: Phil <k6ls@prolynx.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, k8cv@juno.com, vhf  
<vhf@w6yx.stanford.edu>, colorado qrp club <cqclist@lists.sni.net>  
Subject: [4365] Re: mouser on cd-rom  
Message-ID: <34EDAD33.BA0173A0@prolynx.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I forgot to mention that you can also get the cd by:

Calling- 1-800-992-9943

faxing- 817-483-0931

e-mail- catalog@mouser.com

And again via the web at- <http://www.mouser.com/catalog.html>

Their main web page is <http://www.mouser.com>

(thanks for the heads up Walt )

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org  
<http://www.qsl.net/k6ls>  
<http://www.prolynx.com/k6ls>  
DM79oq, Arapahoe County, Colorado  
ITU zone 7, CQ zone 4  
QRP-L #612 NorCal #824  
CQC #471 ARCI #8866

-----  
Date: Fri, 20 Feb 1998 10:19:11 -0600  
From: Tim Ahrens <tahrens@inetport.com>  
To: qrp-l@Lehigh.EDU, adams@chuck.dallas.sgi.com  
Subject: [4366] FOX: W5FN Final results  
Message-ID: <34EDACFF.C26B7EB5@inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Here's the final list.  
Thanks to everyone!

cu

Tim W5FN

1	200	N9DD	559	IN	TOM	32	
2	201	KA80KH	559	KY	RICH	933	
3	203	K0EVZ	589	MN	DOC	860	
4	203	K1MG	559	CA	MIKE	614	
5	205	NU8Z	559	MI	MARK	1431	
6	206	NQ7X	559	AZ	FLOYD	343	
7	208	VE3ELA	559	ON	KEN	1226	
8	209	W6ZH	589	CA	PETE	257	
9	210	AB7TT	559	AZ	JOE	101	
10	211	N4JS	449	NJ	JOHN	883	
11	212	KB9IUA	579	IL	KEVIN	384	
12	214	K6VNX	559	CA	ARLEN	5W	
13	215	N6WG	449	CA	BOB	26	
14	216	W6SU	559	CA	JOHN	48	
15	217	N4PK	559	GA	ED	1307	
16	219	W4YNG	559	AL	HAL	5W	
17	220	W2UX	579	SC	GARY	593	
18	221	WB4EXW	559	NC	WATSON	5W	
19	222	WD4MSM	559	IN	BARRY	642	
20	223	N1TP	579	FL	TOM	1317	
21	225	WB0T	579	IA	JERRY	268	
22	226	VE5RC	229	SK	BRUCE	886	
23	228	N9KW	579	IL	JOHN	1257	
24	229	N7VE	559	AZ	DAN	5W	
25	230	K2VCO	559	CA	VIC	725	
26	231	N6XU	579	CA	STAN	56	
27	232	N0BS	569	MN	TOM	985	
28	233	WA9PWP	559	WI	PAUL	127	
29	234	N0UR	559	MN	JIM	799	
30	237	WE6W	559	CA	ED	1068	
31	238	AB7TK	549	ID	RANDY	102	
32	239	WN4KZ	599	KY	DAVE	5W	
33	240	N0TU	559	CO	STEVE	911	
34	241	N1QQV	559	CT	KEN	400	
35	242	N7KT	559	AZ	ROGER	62	
36	245	K50N	559	NM	GARY	770	
37	246	K50I	559	NM	TIM	73	
38	247	KI7MN	559	AZ	BOB	271	
39	249	W03B	559	CA	BOB	195	
40	251	N6VZ	559	CA	GARY	909	
41	252	W6SIY	559	CA	KEITH	675	
42	253	NA3V	559	PA	JIM	4	
43	257	KK6MC/5	559	NM	JIM	411	
44	258	AA9L	559	WI	RICH	1355	
45	259	AA0ZZ	569	MN	CRAIG	1238	
46	300	KF6CTA	559	CA	DICK	950	
47	301	N7MFB/7	559	WA	BILL	715	

48	303	W7SSM	559	CA	JOHN	1048
49	304	N4ROA	559	VA	DAN	970
50	306	N8VZU/AG	559	OH	DAN	1404
51	306	VE7CQK	559	BC	PAUL	20
52	314	WW7Y	559	UT	STEVE	94
53	316	WA1QVM	339	MA	JOEL	337
54	317	K8FF	559	OH	WAYNE	1360
55	319	W3CD	559	CA	BOB	238
56	321	K06KA	559	CA	ROB	176
57	322	WB0ATR	559	MN	SCOTT	1455
58	324	KU7Y	579	NV	RON	17
59	325	W6NAE	559	CA	DWIGHT	5W
60	327	K8DD	559	IN	HANK	246
61	329	KB40BQ	559	FL	PATRICK	1009
62	331	WA5CVM	579	ME	JOEL	765
63	333	KF4AR	569	NC	RICK	402
64	334	K4PYM	579	SC	GEORGE	1297
65	337	NQ7K	449	AZ	MIKE	47
66	341	KB9RXE	469	IN	NEAL	1406
67	344	WB9LKC	449	WI	RAY	8
68	346	N7CQR	559	OR	DAN	502
69	348	AE4IC	569	NC	BOB	54
70	348	K8CV	559	MI	WALT	935
71	350	N7IR	559	AZ	GARY	1330
72	351	N3XRV/M	599	MD	CHRIS	655
73	353	N2VPK	579	NY	MARK	314
74	354	KF2PH	339	NY	NICK	13
75	356	KG2LO	339	NJ	ROLAND	1445

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Date: Fri, 20 Feb 1998 11:24:55 -0500  
 From: "Heron, George" <G.Heron@dialogic.com>  
 To: QRP-L <qrp-l@Lehigh.EDU>, njqrp@njqrp.org  
 Subject: [4367] "Back to the Future" Project Updates  
 Message-ID: <DF8C9288E968D011A5950060972035B1030CD359@mailnj.dialogic.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain

Thanks to some outstanding new source material from Glenn Torr, VK1FB and Doug Hendricks, KI6DS, we now have some major additions to the Back to the Future project websites:

NorCal: <http://www.fix.net/~jparker/norcal/hearingaid5/ha5.htm>  
 NJ-QRP: <http://www.njqrp.org/tuna/tuna.html>

If you check in either of these two locations, you'll find a new project

called the Herring Aid 5 Receiver ... including several articles, schematic, board layout and toroid winding diagram. Really good stuff.

And this material is in addition to the existing project called the Tuna Tin 2 Transmitter (with articles, schematic, layout and "chassis" wiring).

Another new capability that Jerry and I have added to our "Back to the Future" project web pages is the ability to download the Circad files used to create the projects. So, if you have the demo version of Circad which Doug has pointed us all to before, you can download these project files and view them, plot them, make them, modify them by your own personal means. Holophase is the company providing this circuit CAD tool, and you can get their demo version (which is fully functional for our smaller ham projects) at: <http://www.holophase.com>.

Another construction alternative is to order these bare circuit boards from FAR Circuits (18N640 Field Court, Dundee, IL 60118.) Their website is <http://www.cl.ais.net/farcir/>. The cost is \$7.50 per board plus \$1.50 S&H for up to 4 boards, and you can use the Parts List in each project section to order the components from Mouser, Digikey, etc.

And per usual, let Jerry WA6OWR ([jparker@fix.net](mailto:jparker@fix.net)) or George N2APB ([g.heron@dialogic.com](mailto:g.heron@dialogic.com)) know if you have any problems with these projects on the NorCal or NJ-QRP websites, respectively.

72,

--George Heron N2APB  
[g.heron@dialogic.com](mailto:g.heron@dialogic.com) in Sparta, NJ

-----  
Date: Fri, 20 Feb 1998 10:20:49 -0500  
From: [kc4mhm@juno.com](mailto:kc4mhm@juno.com)  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [4368] re: PC's & QRP Rigs  
Message-ID: <19980220.113624.3262.1.KC4MHM@juno.com>

Gang and Technoids in particular:

What a great idea, a QRP rig on a PCMCIA board with a logging program all running on WIN 95. Log and operate at the same time. How much time do I have to learn how to type?

73 Ed [KC4MHM@juno.com](mailto:KC4MHM@juno.com)

-----  
You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Fri, 20 Feb 1998 9:05:00 -0600  
From: Dan Tayloe-P26412 <Dan\_Tayloe-P26412@email.mot.com>  
To: qrp-1@Lehigh.EDU  
Subject: [4369] Fox Tip  
Message-ID: <M2290447.020.oqclq.1.980220161301Z.CC-MAIL\*/OU=SATCG/OU=AZBH/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

I learned another important safety lesson last night when chasing the fox: Keep your hands free of unnecessary objects!

I joined the hunt about an hour late. It sounded like the pileup had calmed down a bit by then, and I had a clean shot. Pegged him the first time (Yes!).

However, during my response, my paddle started acting up (Darn!). It took me several seconds to realize that the pen cap I had in my keying hand was bumping into the paddle works. How embarrassing.

Oh well..... Got the fox, but it wasn't pretty!

- Dan Tayloe, N7VE, Phoenix, AZ, Az ScQRPions, QRPL # 696

-----  
Date: Fri, 20 Feb 1998 17:07:58 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [4370] FOX SCORES [long]  
Message-ID: <199802201707.RAA12475@chuck.dallas.sgi.com>

1997-1998 FOXHUNT SUMMARY SHEET  
February 20, 1997

Total Number of Q's = 2,490

# FOX SCORES

CALL	NAME	STATE	# of Q's
W5FN	Tim	TX	81 + 75 = 156
K1MG	Mike	CA	81 + 74 = 155
N0UR	Jim	MN	69 + 84 = 153
KA80KH	Rich	KY	87 + 64 = 151
W7QQQ	Jack	AZ	65 + 70 = 135
N9DD	Tom	IN	90 + 38 = 128
K50I	Tim	NM	69 + 54 = 123
VE7CQK	Paul	Canada	57 + 60 = 117
AE9K	Brian	WI	65 + 50 = 115
KI7MN	Bob	AZ	56 + 57 = 113
KS4L	Randy	AL	42 + 68 = 110
K8CV	Walt	MI	59 + 49 = 108
W2UX	Gary	SC	48 + 59 = 107
W3CV	Scott	MD	49 + 52 = 102
AB7TK	Randy	ID	64 + 34 = 98
N0TFI	Jess	CO	58 + 35 = 93
N2TNN	Dean	NJ	33 + 46 = 79
N8VAR	Ron	OH	25 + 28 = 53
N6WG	Bob	CA	69
NQ7K	Mike	AZ	65
K0EVZ	Doc	MN	62
KK6MC/5	Jim	NM	52
NR3Z	Marty	PA	47
W03B	Bob	CA	42
AE4IC	Bob	VA	15

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## HUNTERS SCORES

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+
W0CH(33) W00T(20) K0EVZ(32) KB0PTE(8) KB0ROL(6) W0CLR(6) N0HJ(9)
K0SU(7) N0TFI(17) KB0ZDF(3) N0UR(8) K0CD KB0PI K0GJX(3)
AA0ZZ(16) W00Q(6) W0RW(20) KM0II(2) W0HEP WM0Q K0FRP K0HUU
KQ0I(7) WB0ROQ(2) WB0CLD(4) KR0I NF0R NI0A(12) KB0VIJ N0BS(4)
W0KW WB0ATR(3) W0RSP(6) KI0KY(2) KI0II(3) AB0GO(4) W0DC N0TU(4)
WB0CGH(2) KB0VCC N0EUM NG0M(3) W0OPW W0NBU AA0B

```

```

+
K1MG(38) K10J(34) W1GM(3) AA1MY(6) N10CJ(3) N1QQV(15) KA1AXY WA1QVM(12)
KC1FB(10) W1LP/MM(5) AK1P(9) N1FN K1CL(3) K1RA K1XS(3) W1HUE(2)

```

N1TP(15) K1NY(2) KD1JV AA10F NT1R N1ODL

+

K2VCO(27) W2UX(10) N2BRT AA2PF(10) W2PFS(8) N2TNN(5) N2TO K2VNM(6)  
N2VPK(7) K2SJB(7) WZ2T(4) WJ2V(2) AA2VK N2SMH(4) N2GO(7)  
KJ2V N2WF(7) WA2TDL N2APB(3) N2TSQ N2DBD KG2IM(3) WB2GAI  
KA2PQY KF2PH(4) AA2YK KV2X W2JEK KG2H(3) W2MY KG2LO(2)

+

KJ3V(14) N3KFL N3XRV(8) KA3WMJ(9) KA3EAJ(8) W03B(13) WD3P(7) WV3J(5)  
N3YSI(7) N3NLT N3CEU W3PM(3) NR3Z(2) KT3A(2) KD3FG NF3I  
W3MWY(3) W3GEO KA3K(2) N3YRI W3PNL(2) N3JF NA3V(2) W3CD(2) KM3V  
KJ3VV

+

N4ROA(24) WB4EXW(23) K4CGY(3) WA4CMI(3) N4DD AE4IC(10) KK4KF(4) KS4L(5)  
N4JS(7) N4UY(2) KC4MHM K4GT(6) K4WZ(4) N4DD N4SO(8) KU4AF(8)  
WS4S(2) WD4MSM(19) AE4GX K4PYM(4) KS4HQ(3) AC4HF KU4LC N4PK(5)  
WA4DAI(4) N4KV(3) W4YNG(7) N4AC WA4HHP NZ4E N4CD AA4GA N4XDW(5)  
KD4OBQ(3) WF4I(2) NU4N WN4KZ KF4AR K4PYW

+

N5JI(35) AB5UA(36) W5FN(34) K5ZTY(31) KQ5U(26) K5JHP(29) W5TFB(18)  
K5ON(27) K5UP(24) N5LU(25) W5HNS(24) KK6MC/5(17) KK5X0(4)  
N5ALO(9) W5XE(2) K5FO(15) AA5CO(2) K5WO(6) W5JH K5TZY(2)  
W5ZH KC5AI W5MN(3) NA5K(6) W5JAY(5) W5SNS W5VBO(4) KC5AIK(2)  
K5AO W5SB(26) KA5T(26) K5JUC KK5KU KJ5VW K5OI(27) NA5N  
K5LE(6) WA5WHN(2) N5ZN(6) KE5TC(3) AF5Z(8) WA5YFY(2) K5NZ(5)  
K5ID(19) AC5IE(2) N5JKY(4) AA5TA(18) AC5II(3) K5VUU(15)  
KI5IB(2) W5USJ(2) K5GQ(7) N5PYB KC5FMZ KI5G AC5JH(6) WA5SAJ  
WD5COV N5YUC W5QJM KK5NA N5TW(2) KK5U KC5RL WE5W

+

N6XU(31) WE6W(25) N6WG(24) W6ZH(28) W6BAB(20) K6VNX(18) K06KA(14)  
W6SIY(6) WA6NAE(16) W6EMD(5) K6RPN AA6R(4) KF6CTA(9) W6SU(15)  
AC6KW(9) KN6YD(2) KI6OY(5) K6MW(3) WI6I W6EMT(4) N6VZ(12) WA6GER  
AD6AY(5) AC6LA(13) W6EV(3) N6GA(2) KD6VIO(3) WA6HHQ W6SV N6KR  
K6MR K6YR N6MM(18) W6KI N6ZS NC6LA K6UNX W6WU W6HIY

+

NQ7X(39) AB7TT(36) KU7Y(36) N7VE(33) W7QQQ(17) AB7TK(23) WW7Y(11)  
AB7ST(11) N7CTJ(4) W7SSM(14) N7GS(18) NQ7K(9) KI7MN(20)  
N7CQR(4) AB7MY(29) KJ7YN W7GVN(5) AB7OA(8) KG7PV N7KT(19)  
KA7NOC(5) AB7GO WJ7H(2) W7JDZ(3) N7MFB(3) K7DBV N7XJW(18)  
KA7OKH N7IR(14) WA7JEG W7UQ WA7SSA KB7MBI(2) N7IL AI7R KJ7BS  
WD7Y KT7S

+

KA80KH(19) K8CV(14) KC8EPA WQ8RP W8KC(7) K8DD(5) KB8MCZ WD8KQY(2)  
KB8AZ WA8GHZ(7) WB8E W8SFF(3) W8RU(6) WK8S N8ET(2) K8NWD(2)  
N8CW(2) N8VAR(4) WB8NYV K8FF(3) W8RO NU8Z(3) W8IZZ N8VZU(2)  
NV8ZNU

+

NF9K(5) WA9YLB W9UQB(11) N9DD(18) KB9IUA(10) N9KW(14) W9KVF(5) WA9PWP(17)



AF9T(7) W9DZ NN9K WB9HFK(7) W9UQV AE9K(2) N9AW(2) WB9LKC(2)  
N9WAQ K9IA AA9L(9) KB9GEG N9NW K9LJB KB9RXE

+

AL7FS(2)

+

KH6KQO

VE1MT(2) VE3ELA(17) VE3JC(9) VE3SP(4) VE4CQ VE5RC(24) VE5WF(7) VE6GK(3)  
VE6NJK(6) VE6EWM(4) VE7CQK(18) VE7CTN

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> adams@sgi.com

-----  
Date: Fri, 20 Feb 1998 12:40:59 -0500  
From: Ed Tanton <n4xy@bellsouth.net>  
To: Dan\_Tayloe-P26412@email.mot.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [4371] Re: Fox Tip  
Message-ID: <3.0.1.32.19980220124059.00ba9100@mail.atl.bellsouth.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

But you know Dan, isn't it great to still get excited enough about ham  
radio to not notice that pen cap for a while? That is what it's all about!!!  
73

-----  
Ed Tanton N4XY EMAIL: n4xy@bellsouth.net  
189 Pioneer Trail  
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

-----  
INTERESTS: QRP BoatAnchors Test Equipment Photography  
CW: 99.9% Mercury Paddle # 0214 QRP to 150W: 95%

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

-----  
Date: Fri, 20 Feb 1998 12:45:55 -0800  
From: Randy Hargenrader <randyh@harksystems.com>  
To: qrp-1@Lehigh.EDU, "klqrp@waterw.com" <klqrp@waterw.com>  
Subject: [4372] Pixie/49er Contest Results  
Message-ID: <34EDEB83.E94EDF0A@harksystems.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

#### Results of the 1997 Pixie/40-9er Contest

The 1997 Pixie/40-9er Contest was held for five days beginning on December 26th and ran through December 30th.

The object of the contest was to work as many Pixies and/or 40-9ers as possible during the five day period picking your best three days to submit for scoring. Stations running Pixies or 40-9er's were at a big advantage. Club stations got into the fun by giving the participants a 10X multiple for any contacts. Imagine being a Pixie or 40-9er club station! I was running my 40-9er and 80-9er rigs as WQ4RP/C (club). What a blast! I wasn't eligible for prizes which made me feel a lot like Santa Claus handing out 20 points per QSO! Please note that the winner of the Pixie category used a KnightLite SMiTe, a surface mount version of the Pixie, a kit available from the KnightLites!

I received 20 logs total. Here's the results...

CALL	RIG	POINTS	TOTAL
KJ5TF Keyer)	49	4408	(winner - 49er category - Tick
AA4XX Tick Keyer)	SA	1098	(winner - "other rig" category -
WQ4RP	89/49er's	1095	(ineligible for prizes)
N4UY	A0	624	(2nd place - "other rig" category)
AE4IC Dial)	PX	228	(winner - Pixie category - Digital
W5VB0	TT	192	(3rd place - "other rig" category)
WE6W	PX	184	(2nd place - Pixie category)
W8FT/C	KW	154	
AA0SM	49	136	(2nd place - 49er category)
KA5T	KW	132	
WQ6RP/C	KW	72	
K2SJB	A0	52	

K5ZTY	OH/PX	24	
NQ2RP/C	TT	18	
K10G	49	16	(3rd place - 49er category)
AL7FS	QRP+	12	
NQ7RP/C	PX	8	(3rd place - Pixie category)
KC1FB	NC	2	
VE6ZAA	IC	2	
KF4CMV/C	HW	CK LOG	

-----

73, Randy WJ4P  
 Knightlites QRP-L #296

-----

Date: Fri, 20 Feb 1998 17:49:32 GMT  
 From: adams@chuck.dallas.sgi.com (Chuck Adams)  
 To: qrp-l@Lehigh.EDU  
 Subject: [4373] FOXHUNTING QRP-L STYLE  
 Message-ID: <199802201749.RAA12689@chuck.dallas.sgi.com>

Gang,

Just a couple or more quick notes on the FOXHUNT QRP-L HF style.  
 For those just joining this program in progress see the archives  
 for all the gory details and we may have to put a PG-13 rating  
 on 'em. ;-)

1. The number of contacts are up from the previous three years.
2. The scores for sessions are up. This can be attributed to number of factors not limited to a) better operating skills, b) greater number of participants, c) better equipment and antennas, d) patience on the part of everyone, and e) crowd control on the part of the foxii. :-)
3. Tom, N9DD, set a two hour scoring record this season with 90 contacts. The hunters set all kinds of records.
4. We have seen an increased number of VE's to the north of us participate.
5. KH6 and KL7's have showed up and only a few states not heard from this year.
6. Code speeds have gone up. This caused by more operating and most importantly actually getting on the air and listening to what amounts to random code groups for long periods of times. ;-)
7. Fewer dups this year and fewer broken calls in the logs as

- a result of the better skills learned in this exercise.
8. Less whining and moaning.....in general, but interesting discussions on RIT vs. split, when to call, etc. :-)
  9. Remember that it's not a contest.

We had one missed schedule due to personal reasons and that session will be made up the week of March 23rd if Marty, NR3Z, can work it into his schedule for the makeup. It is hard to believe that we are now only four weeks away from the end of the season.  
(A large roar from the crowd glad to see that thread go away.... :-))

We also need to work on Jim, AL7FS's session if he can work it in. Otherwise we can move him to 30M. :-) Joking guys, joking..... Well maybe not..... ;-)

I wish to take this posting and thank each and every one of you for making this a success that it is. It wouldn't do any good at all to call a party and have noone show up. The exercise was to have fun, get guys and girls on the air to test skills-equipment-propagation-..., and in general clutter the airwaves with little-bitty signals. Do to generous contributions from the last batch of certificates that I sent out I have sufficient funding to finance yet another round of those valuable little critters. Maybe I can get Paul, W8KC, to come up with another set of phrases for the certificates that are insider jokes to this group. :-)

FYI

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> adams@sgi.com

-----  
Date: Fri, 20 Feb 1998 17:56:00 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU, paul1@wizard.ucs.sfu.ca  
Subject: [4374] Missed Q's  
Message-ID: <199802201756.RAA12740@chuck.dallas.sgi.com>

Paul et.al.,

My mistake on Paul's score. He had a total of 63 and I put that down. Then in adding the hunters to the list and their totals I was subtracting the dups, which Paul had already done.

I will correct the error the next time I post. Sorry about that

Paul. It was indeedy not intentional.

Doesn't effect the standings but every point is important.

Thanks for the good work.

dit dit

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> adams@sgi.com

-----  
Date: Fri, 20 Feb 1998 10:04:39 PST  
From: "Ray Lowe" <wd5dhk@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [4375] Re: sloppy code...sort of  
Message-ID: <19980220180439.15174.qmail@hotmail.com>  
Content-Type: text/plain

The old saying that you can't judge a book by its cover is so true. Some of my most memorable qso's have been with ops who had poor fists due to handicaps.

When I hear an op with a poor fist, I remember that he may also be a beginner. Therefore, it will help him out if we try to copy his fist. A little practice will go a long way in some cases. If we ridicule the op, we may drive them away from cw. I make it a point to try to get into the nov/tech bands in order to give them some extra practice.

BTW- that is one of the big drawbacks of depending too much on tapes and computers to learn code. There just is no substitute to getting on the air if you want to do more than just pass a cw test.

72/73

Ray Lowe  
WD5DHK  
Lancaster,Tx (near Dallas)

<http://members.wbs.net/homepages/w/d/5/wd5dhk.html>

-----  
Get Your Private, Free Email at <http://www.hotmail.com>  
-----

Date: Fri, 20 Feb 1998 18:11:22 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: Dan\_Tayloe-P26412@email.mot.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [4376] Re: Fox Tip  
Message-ID: <34EDC74A.5961@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dan Tayloe-P26412 wrote:

>  
> I joined the hunt about an hour late. It sounded like the pileup had  
> calmed down a bit by then, and I had a clean shot. Pegged him the  
> first time (Yes!).  
>  
> However, during my response, my paddle started acting up (Darn!). It

Me too! Left work and Rowed home in the lake formed by the recent  
rains,  
but I quickly found the FOX once I arrived home.

In Fact, I nearly slapped my Norcal Paddles off the mini mouse pad  
they sit on. I guess my keying muscles are still a bit pumped  
up after using the bug this last month and a half.

Paul was an amazing 599 here and I wondered, "Why isn't he always  
599?" Then in the email he mentions he's at another station using  
awesome antennas. Mystery solved.

Paul, it was nice working a fellow "Foxtail Packer"!

3 Foxes in a week. And the barrel on my Bazooka Antenna  
is only slightly warm =8-)

Happy hunting to all es 72,  
Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----

Date: Fri, 20 Feb 1998 13:13:03 EST  
From: DENNISMO@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [4377] HELP With DSP Software  
Message-ID: <9e07de2e.34edc7b1@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

72' es 73's to all...

I just downloaded a DSP Freeware program for a SoundBlaster equipped PC and I have a couple of questions that some of you may be able to help me out with:

1. Can this type of software be used in place of CW filters in an HF xcvr?
2. How do I connect my xcvr to my PC's SoundBlaster board?

Thanks in advance fellas..

72's de KF6NJQ

Denny Morales

-----  
Date: Fri, 20 Feb 1998 13:13:39 -0500 (EST)  
From: D Bullard <dbullard@peachnet.campus.mci.net>  
To: foxes@theriver.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [4378] Re: Re" PCs and QRP rigs  
Message-ID: <199802201813.NAA01710@aus-e.mp.campus.mci.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:48 AM 2/20/98 -0700, Andy Fox, KK7HV wrote:

>Hi Chuck,

>

>PCMCIA stands for:

>

>Personal Computer Memory Card International Association

>

>Not the most intuitive acronym. There's some introductory info at:

<snip>

Andy, I thought PCMCIA stood for:

People Can't Memorize Computer Interface Acronyms :)

72,

Don WA4IML

-----  
Date: Fri, 20 Feb 1998 01:27:27 -0500  
From: "tom palmer" <n1tp@worldnet.att.net>  
To: <wd5dhk@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [4379] Re: sloppy code...sort of  
Message-ID: <19980220182644.AAA27595@default>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Ditto on being reluctant to reply to an operator who sends sloppy code. One of my most memorable QSOs was with KB4??? who in the fall of 1983 was a new novice. His code was not the best. My initial response was not to reply to his CQing. Nevertheless, I replied and am I glad I did! At that time I was playing chess over the air. My QSL card was chess related. I sent him one of those "Chess" cards. As a result, he mailed to me an old Christmas Card he had received in the 1950s from one of his co-employees in New York State. That card had a postmark from Saratoga Springs, N. Y. (during a world class chess match). The card was signed by that co-employee, a world famous U. S. Grand Chess Master! One never knows. It's impossible to try to "size up" an operator by the quality of his code or lack thereof. Tom, N1TP, Naples, Fl.

-----  
> From: Ray Lowe <wd5dhk@hotmail.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: Re: sloppy code...sort of  
> Date: Friday, February 20, 1998 1:04 PM  
>  
> The old saying that you can't judge a book by its cover is so  
> true. Some of my most memorable qso's have been with ops who had poor  
> fists due to handicaps.  
> When I hear an op with a poor fist, I remember that he may  
> also be a beginner. Therefore, it will help him out if we try to copy  
> his fist. A little practice will go a long way in some cases. If we  
> ridicule the op, we may drive them away from cw.  
> I make it a point to try to get into the nov/tech bands in order to give  
> them some extra practice.  
> BTW- that is one of the big drawbacks of depending too much on tapes



> and computers to learn code. There just is no substitute to getting on  
> the air if you want to do more than just pass a cw test.

>

> 72/73

>

> Ray Lowe

> WD5DHK

> Lancaster,Tx (near Dallas)

>

> <http://members.wbs.net/homepages/w/d/5/wd5dhk.html>

>

>

>

> -----  
> Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Fri, 20 Feb 1998 10:36:58 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-1@Lehigh.EDU  
Subject: [4380] Re: HELP With DSP Software  
Message-ID: <34EDCD4A.B915E0D7@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

--Dennis Morales asked about the SbFFT DSP software--

Dennis,

Your questions cannot be answered with simple yes or no responses.

<1. Can this type of software be used in place of CW filters in an HF xcver?>

Probably not. The CW filters in your HF transceiver are most likely crystal filters and work at an intermediate (i.f.) frequency of several megahertz. The SbFFT software works at audio frequencies. You can certainly augment your transceiver's crystal filters with SbFFT, however. Depending upon the filters already in place, the improvement may be significant.

<2. How do I connect my xcver to my PC's SoundBlaster board?>

Without knowing what kind of transceiver you have, it's impossible to say. For starters you might try making up a patch cable from your transceiver's "external speaker" (if it has one) output jack and connect it to the LINE input of your sound blaster card. Listen to the recovered audio from the sound blaster card at the SPKR jack using stereo headphones. Likewise, a cable from your HEADPHONE

jack on your transceiver to the LINE input of your sound blaster card would also work but it will mute the rig's speaker in the process.

=====  
Bill Jones - KD7S <><  
Sanger, California  
=====

-----  
Date: Fri, 20 Feb 1998 18:37:12 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: randyh@harksystems.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [4381] Re: Pixie/49er Contest Results  
Message-ID: <34EDCD58.18B3@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

What a great contest it was! I can't wait until the next one using my Pixie2. Too bad I only was able to catch 3 days of the contest, and the first day was spoiled by AM BC band. But I really enjoyed the experience and especially using a pixie2 rig I had literally "Just Finished Building".

For My next pixie2:

I'm going to attempt an optional 1 Watt mod and devise some RCV/XMT switching scheme for that.

I just got a RF case, suitable for up to 26 GHZ RF. Actually got 4 or 5 of them for free.

So my next pixie will be  
a 'Dixie of a Pixie'.

72, Ed we6w  
--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Fri, 20 Feb 1998 11:38:44 -0700  
From: Andy Fox <foxes@theriver.com>  
To: D Bullard <dbullard@peachnet.campus.mci.net>  
Cc: qrp-1@Lehigh.EDU  
Subject: [4382] Re: Re" PCs and QRP rigs  
Message-ID: <34EDCDB4.FA8D5F9F@theriver.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Don,

That's good - and appropriate. Lots of acronyms in the PC industry. Of course, as soon as you dive into any field you will find the same thing.

CW, RIT, XIT, VOX, VCO...

(and the beat goes on - apologies to the late Sonny Bono)

72

--

-----  
Andy Fox, KK7HV  
mailto:foxes@theriver.com  
<http://personal.riverusers.com/~foxes/>  
-----

-----  
Date: Fri, 20 Feb 1998 10:51:47 -0800 (PST)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [4383] Re: sloppy code...sort of  
Message-ID: <Pine.SUN.3.90.980220104933.26072C-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Something else to think about.....

Many of the complaints about people sending code that just can't be copied comes from listing to a station who is in a QSO with someone who can copy.....

Our minds will do so much if only we let them! :-)

OK, back in my hole....

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 20 Feb 1998 19:33:22 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [4384] 9 MHz XTAL filter I built.  
Message-ID: <34EDDA82.405F@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yesterday evening a coworker offered to give me a boatripe home.

Stopping by his area I notices some 'BUD Boxes (TM)' and carefully opened one up on his desk. Inside was a 9 MHz commercial crystal filter. Little thing.

I checked the order info. and specs. The company sell different bandwidth and IN/OUTput impedance versions.

My co-worker showed me some plots with horrible response.

I then offered to build one last night and had my project for the evening! In fact, I got the fox so quickly, I got to listen to the hunt (Music to my ears), while I built the filter. The filter is for one of our test stations.

I immediately knew that his bud box was a bit flimsy and decided to use the nickel plated cans/covers available commercially. They are very sturdy, solderable and look very professional when completed.

I mounted the filter inside the can, with the filter lying flat, leads exposed. I soldered the exterior anchor tabs to ground, and since I was unable to locate any more semi-rigid cable in my junkbox, I settled with busswire to the input/output

pins out to the RF style BNC chassis connectors. I would have preferred to solder the shield of the coax to the ground pin provided, but ended up running the ground pin to the can.

I then soldered some shim stock as a shield around the filter package and cut the top of the shim into strips. I then tack soldered the can lid, which contacted the shim strips. The shim shielded the filter input/output from eachother.

If I get asked to build another prototype, I'll instead put the filter on top of the can, running the input/output leads through holes and down into the can where the coax is run. I think the input/output shielding will be better and easier to manufacture.

Of course with the filter on top, a top cover is needed to protect from damage.

It is a fine day when you can homebrew something for work. Too bad I don't get paid for it.

On a sad note, it is unfortunate that some technicians don't understand common RF practices. But what a great opportunity for me to step in and share my experience.

I hope this homebrewing experience was a pleasure to read.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Fri, 20 Feb 1998 12:50:49  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@Lehigh.EDU  
Subject: [4385] re: PC's & QRP Rigs  
Message-ID: <3.0.3.16.19980220125049.22df03d0@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Gang and Technoids in particular:

> What a great idea, a QRP rig on a PCMCIA board with a logging  
>program all running on WIN 95. Log and operate at the same time. How  
>much time do I have to learn how to type?  
>

Heck, might as well make it decode CW also. Then it can auto log. Might as well make it do all digital modes as well.

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Fri, 20 Feb 1998 14:52:56 -0500  
From: Derek Brown <DBrown@RFMD.com>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [4386] Contest This Weekend???  
Message-ID:  
<c=US%a=\_%p=RF\_Micro\_Devices%l=PACHACUTEC-980220195256Z-7751@proxy1.rfmd.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I was told there was a QRP contest (or two) this weekend...Colorado?  
Also, is this one of the major QRO CW contest weekends? I'm on  
digest mode so please respond directly by 5 PM EST today.

72 de Derek, WF4I  
Greensboro, NC  
dbrown@rfmd.com

-----  
Date: Fri, 20 Feb 1998 12:00:16 -0800  
From: Laura Halliday <ve7ldh@direct.ca>  
To: qrp-l@Lehigh.EDU  
Subject: [4387] Re: PC's & QRP Rigs  
Message-ID: <34EDE0D0.23D22A1E@direct.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Inside PCs is a very hostile RF environment. If you can swing  
it, more power to you.

Such a rig lends itself to being future-proof: use DSP as much  
as possible, which you can then program to generate and  
demodulate anything you want. Even if nobody has thought of  
it yet...

...laura

-----  
Date: Fri, 20 Feb 1998 16:23:08 -0500 (EST)  
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [4388] QSL buro 3-call QRPers  
Message-ID: <Pine.LNX.3.95.980220161820.9260A-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I personally work a fair amount of DX, and use the QSL bureau quite extensively.

I am sending a handful of envelopes to the incoming QSL bureau.

Each is adorned with 52 cents in postage.

The envelopes cost me about 12 cents each.

I have a few extra slots available in the envelope headed up to the bureau in PA. If you'd like a QSL envelope (or a few) please let me know - I'm asking 75 cents for each envelopes (this includes everything including postage to PA) and all I need is a mailing address from you.

Any 3-call can participate.

Thanks - and please don't delay, because I'm "out of envelopes" up there and don't want them pitching my cards.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\* 6m 82 grids on 8w \* DXCC WAS WAC \* QRP-L #147 \* QRP ARCI #9054 \*  
\* <http://w3eax.umd.edu/~ham> \* ARRL Life Member /Laurel ARC/UMARA \*  
\*\*\* 301-549-1022 h 301-982-1015 w \*\*\* 35 wpm HF mobile CW Neon \*\*\*

-----  
Date: Fri, 20 Feb 1998 14:37:20 -0600 (CST)  
From: jdenison@morelr.com (JOEL DENISON)  
To: qrp-l@Lehigh.EDU  
Subject: [4389] Vertical Dipole  
Message-ID: <199802202037.0AA16315@m20.morelr.com>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi gang

here is an update... changed the vertical folded dipole to a vertical dipole... checked on the air about three eastern time and the vertical outworked the horizontal dipole to christmas island... but the horizontal dipole was better to south africa and west indies and Germany...

Interesting isn't it... dis is what it's all about, I think... :-)  
God Bless  
joel wa5cvm, strong, maine

God Bless  
Joel

WA5CVM  
Joel Denison  
PO BOX 542  
Strong, Maine 04983  
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)  
Gentle Lady (RC Sail Plane)(049 engine - start)  
80 mtr dipole up 50ft  
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765  
AK/QRP 109

-----  
Date: Fri, 20 Feb 1998 13:31:21 -0800 (PST)  
From: traylor@ECE.ORST.EDU (Roger Traylor)  
To: qrp-l@Lehigh.EDU  
Subject: [4390] 2N2222 rig: Power amp behavior  
Message-ID: <199802202131.NAA12360@pal.ece.orst.edu>  
Content-Type: text

Guys,

Last night I was working on my PA in my 2n2222 rig. I set the output network to look like 50 ohms at the PA collector enabling 1.5W of output power with a Vcc of 12V. While I know that a single 2n2222 can't do this, I tried it anyway for grins.

With 100mw drive to the final, the output jumps to 600mw. As the key is held down, the output would rapidly go down to about 200mw over 3-4 seconds.

I measured the final efficiency at 8 volts. At 8 volts, the output was a steady 250mw. Efficiency was 40%.

I was wondering if someone knew the mechanism involved here that



causes the output to drop so rapidly. I expected the power to rise slightly as the beta went up with temperature.  
(And boy, was the temperature rising!)

Needless to say, I'm now using 2, 2n2222's in parallel. Output is now 1.5W, but I see the same behavior again. Only the output starts from 1.5W and goes down to 0.5W. I have no emitter resistor for feedback (yet!). I am using a 27 ohm resistor from the PA bases to ground.

Oddly enough, replacing the 2n2222's with a 2n3053 gives me a solid 1.5W with little heating and 55% efficiency.

Any ideas?

Roger Traylor  
WB4TPW  
(home of the 2n2222 torture chamber)

-----  
Date: Fri, 20 Feb 1998 17:08:25 EST  
From: PDouglas12@aol.com  
To: traylor@ECE.0RST.EDU, qrp-1@Lehigh.EDU  
Subject: [4391] Re: 2N2222 rig: Power amp behavior  
Message-ID: <1eda4a44.34edfedb@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Roger,

I am sure there will be better answers. But I think the phenomenon you are seeing with the 2N2222s is all the same. The power limit of a 2N2222 is about a quarter of a watt, perhaps a mite more for the metal canned ones. A model of the theory might be that above about half a watt, you are destroying the device as you force it to put out more rf than it can take. As it dies, it dies with the junctions burning out piecemeal. The burned out portions of the NPN junctions aren't semiconductors at all anymore, so the transistor just can't put out more power than the terminal lower output you see when it plateaus at about 200mw per device. My experience with this kind of overpower is that you will also find that the little buggers won't come back after this abuse. That is, they won't do much semiconducting at all after this one shot severe power overage.

As to the heartier (and physically larger) transistor, the 3053 is spec'd to easily do a watt or two (check our friend NA5N--Paul Harden's databook for the

specs--) so it is no surprise that it can sustain the output you are getting. Incidentally, the late Doug DeMaw had a poor man's output amp using paralleled 2N2222s in his QRP project books. I think he set them up to run under half a watt apiece with heat sinks and equalizing resistors. The more transistors, the more power, limited probably only by physical size of the array and wiring inductance.

Of course, the great thing about experimenting with 2N2222s is that they are so cheap. What is it Wayne Burdick calls them, the "cockroach" of transistors? I would advise, though, that when you trash one of these roaches, you remember to really put them in the trash, rather than returning them to your bench from whence they will find their way back into your junk box. Otherwise, you will be creating a troubleshooting nightmare for yourself on some future project when you use it again!

Now you double E's who wish to correct my seat of the pants theory, please do so gently--I'm in this for the fun of it.

72,

Preston Douglas WJ2V

-----  
Date: Fri, 20 Feb 1998 18:07:23 -0800  
From: Randy Hargenrader <randyh@harksystems.com>  
To: qrp-l@Lehigh.EDU  
Subject: [4392] Pixie/49er Contest SoapBox  
Message-ID: <34EE36DB.2BAF8EF9@harksystems.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Here's a smattering of the remarks and reports and whatnot from QRP-L and KLQRP lists about the Pixie/49er Contest. The KnightLites are honored that there was so much participation! We had 20 logs sent in and we know that there were many more participants from a look at the logs. We thank you all for your support. Also, thanks to the club stations that participated. It added so much to the contest!

(I included this first message to show you how we knights talk to each other - isn't it a hoot!?)

-----  
You, Knoble Knights, who through honourable conflict with the evils of QRM, QRN, QSB and the dastardly solar whims, as our esteemed Net Control Operators - You each may chose which evening of the above referenced tournament that you wish to carry the colours of the

KnightLites.

Should one of you decline to participate, your unfilled seat will be made available, by lottery, to all other Knights, the honor to be chosen by the time tested method of drawing lots of those seeking such favour from an Altoids tin.

Do not tarry in your responses to me, as, due to my own procrastination, we have little time to finish this task.

For the Knights:

Sir Steve

-----  
When it was all said and done, Paul AA4XX got to operate the first night and then the gang felt I should operate the rest of the time since I had a 49er and an 89er to hand out the BIG multiples! So, forthwith and forsooth I made the call WQ4RP a beacon in the night for the rest of the contest. (Randy, WJ4P)  
-----

In last years 49er contest Randy was one of several who helped me with mods for my 49er kit. I repayed his kindness by edgeing him out of 1st place! Nice guy eh?! Yeah, right!!  
I was happy to bring 1st prize home to Arkansas, a GM-15 XCVR kit donated by Dave Benson. This year I'm shootin for the TICK keyer prize. The "Mighty Arkansas 49er" will be on the air every night (subject to xyl supervision) - This year the 1.3 watts have two antennas to pick from. The same half square as last year, plus a inverted Vee @ 45'. So, please get on the air and look for me around 7.041-43mHz calling CQ 49er test... Thanks 72/3'z de Jim AR QRP #2  
-----

Joel:

Sorry 'bout that. Condx poor here, also :-(. Managed 10 QSO's...but did not hear the NE USA at all. Worked one OH, but nothing else east of MS River.

Rig was actually 49er at 450 mw to new doublet fed with 450-ohm ladder line at 27'. Oh well, there is always tomorrow night :-).

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19  
-----

Friday

Call - WQ6RP  
Operator - Paul, N6EV  
Rig - Kenwood TS-690SAT @ 5W  
Antenna - R7000 @ 30Ft, 135ft Doublet @ 40ft

Stations worked / Rig

AE4IC / NW

KA5T / KW

KJ5MG / 5B ?? dunno, not in the rig list

AA0B / KW

AB7HI / TT

WQ4RP / SA

AL7FS / IL

W6BAB / OH

K0EVZ / 49

72/ZUT! Paul N6EV

-----  
Paul and QRP-L folks,

Do you have any idea how excited I get over one 40 meter contact? Very!

Thank you, Paul, for the 5 minute effort on the QSO and for not giving

up. Get the picture....I forgot that I have the Kenwood out of the

line-up.... I know the code for the Kenwood..... I call you and I am

madly trying to remember the rig code for my Index Labs QRP+.....I am

sending "Index"....you're not getting it....I dash madly for the

computer in the other end of the house....where is that email from

Randy....got it....code is IL....run madly to the other end of the

house....commence madly sending IL as you already had the name

ok.....RRR...made it!!! Hot dog!!!

Thus ends the run of success for the evening. 1/2 QSO per hour....kinda

wears me out. :-)

Maybe tomorrow.

73, Jim, AL7FS

-----  
Well Gang didn't do much here in Texas....Worked WQ6RP on 7040.91

about 0133Z....couldn't catch any others...

Using the Kenwood TS450 at about 4 1/2 watts....vertical antenna...

Heard the following stations between 0100z and 0200z around 7040

with the indicated readout: (Probably not all in the test, but looked

like

QRP sigs...)

39.45 ?1MG - chirpy - only chirp heard all night... Mike, that you???

29.70 WQ4RP NC ? Thought I copied WQ5RP, but then heard NC so...?

39.54 NF0Z

39.64 W5VBO

38.86 WQ4RP

38.93 W6HEA

41.38 WA1V/4 & W2JSF in QSO

41.20 WB8NYV

40.91 WQ6RP Paul - Worked him

42.08 W2XWQ ?

37.72 K8QR/C  
38.90 AA0B  
38.90 K0EFZ  
????? W0SKI/6  
42.34 KT4QD  
41.39 VE3SP in QSO with or calling WB5GDB  
39.70 AE4IC  
41.12 WJ1V/4 Tony Ft Myers Fl  
43.82 K8YWT

Larry

-----

Another blistering 1/2 QSO/hour rate! :-)  
I worked WQ4RP near 7040 early in the contest.  
Then I heard a few stations but was unable to pick anyone  
out well enough to get a full callsign or exchange.  
I'm pretty sure I heard Randy on both 40m and 80m but all  
I could get for sure was WJ.  
I need more practice copying through QRM and QSB.  
The lightning noise was fairly heavy on 80m but not so  
bad on 40m here. On 40m SW broadcast overloading my poor  
little HW-8 was a ongoing problem. :-)

Call; KF4CMU/C  
Operator; Mike N6CHV  
Rig; HW-8  
Antenna; near vertical, random wire, about 85', with MFJ-949E tuner or  
40m dipole at about 20'  
Tonight I will try calling on 7122 early before moving to 7040 and 80m.

michael N6CHV

-----

Gang:

The first evening was really fun here. Thanks to everyone who dropped  
by. Guess the 49er's monster ear-splitting signal was a beacon :-).  
Very sorry if I missed anyone. Some QSB made it impossible to enough to  
complete a QSO. Sometimes couldn't hear long or well enough even to dig  
out a complete call :-(. AE4IC must have thought I was nuts!--took four  
or five exchanges before he went in the log.  
Setup last evening was a 49er (built by Jim N0UR--thanks) at 450 mw out  
to the TNT/2 Windom at 27'. Had hoped to raise it to 40 feet, but no  
luck yet. Hopefully today, though. <Fingers crossed>. Used OHR WM-1 to  
measure output. Picture this--Mercury paddles and MFJ keyer ->49er :-).  
Expecting to be back this evening. Planning to fire up the Pixie-II.  
Warning--have your hand right on the RF gain control, to protect your

ears from it's monster 300 mw signal.

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19

-----

Am I discouraged. No! I was thoroughly amazed That I was able to copy these rigs, most running less than 1 watt, at all.

WQ4RP NC Very nice signal on peaks  
W6HEA  
WQ6RP  
K0EFZ  
KA5T Nice signal, tried several times  
KJ5TF Heard him well, called many times  
WQ0RP Tried 4 times  
WE6W Heard Ed many times too, called many times  
AC6LA

Brian Kassel W5VB0  
ARCI # 3623  
Phoenix AZ ScQRPions

-----

Paul,

I'm sorry that I missed working you last night. I started out ~ 3686 and later went to 3560 the first hour and went to 7040 for the second hour. I worked J.P., John and Randy on 80M. Not much action on 40M.

I heard AR and CA on 40M but was unable to roust them. My Sierra only does about 1 watts on 80M - defective "assembler", no doubt.

But, boy, does it hear well! I plan to be back in there tonight, weather permitting (I'm working portable from a field across the street from RFMD HQ). Barring snow or heavy rain, look for me tonight. It's supposed to be much colder tonight (good practice for FYBO). I guess that you'll be just "plain" AA4XX tonight - Hi Hi! I plan to check 40M tonight but hang out mostly on 80M.

Derek, WF4I

-----

Derek,

Good job on 80M last night during the contest. Sorry we didn't cross paths. I got stuck on 40M, as the band was much livelier than I anticipated. Several 49'ers made it into the log, including K0EVZ (MN),

K4PQC (GA), and KJ5TF (AR). States worked on 40M were: IA, OK, MN, FL, WA, CO, GA, CA (WQ6RP), MA, NC, TX (K5FO), IN, and VE6. KnightLites WB4OFT, WJ4P, and WA1QVM were bagged on 80M on the Pixie frequency, along with NQ2RP in NY, who was heard working AE4IC. AE4IC was heard with a good SMiTe signal, but we didn't pull off a QSO.

Thanks to Randy, Bob, Todd, Gary and everybody else who helped get this contest going; It's definitely a big hit.

Hope to hear you during the contest. BTW, where were all the NJ boys last night?

72,  
Paul AA4XX

-----  
Hi Gang,  
All I can say is "Wow!" What a turnout for the test, especially on 40M. You all have some of the best ears in the world.

Thanks for the great fun, Gang. Sir Randy- WJ4P, Grand Master of the Contest, will be sporting the WQ4RP callsign tonight (Saturday). Here's wishing you a full logsheet for tonight's round. And Doc, turn off the amplifier on that 49'er so the rest of us poor stiff's will have a chance. :-)

72 es GL to all,  
Paul AA4XX Raleigh, NC

-----  
Well it was a dogfight in there tonight. Finally managed to snag only eight tonight, compared to 10 last evening. What made it really rough was the RTTY and loud QSO's right on my xtal-controlled frequency. Heard other stations calling at times. Once or twice I thought we were in QSO. So I sent the exchange....only to hear NADA when I went back. Oh Well. Sorry if I missed you. Did my best. Maybe tomorrow evening :-). Setup = Pixie-II at 300 milliwatts out to TNT/2 Windom at 30 feet. Emtech ZM-1 tuner. Was able to raise the antenna by three feet. Went back to Windom, which is a proven DX and FOX hunting skywire!

72/73,  
--Doc/K0EVZ

-----  
Saturday  
Call - WQ6RP  
Operator - Paul, N6EV  
Rig - Kenwood TS-690SAT @ 5W  
Antenna - R7000 @ 30Ft, 135ft Doublet @ 40ft

Stations worked / Rig

W8FT / AO

W5VBO / TT

KJ5TF / 49

K0EVZ / PX

NQ7X / 49

KI7MN / OH

AB7MY / SS

W0CLR / KW

RV0AM 599-029 !! Nobody said this was a DX contest!

72/ZUT! Paul N6EV

-----  
Gang,

Had fun tonight working a few from this list on 40m and 80m. Heard WQ6RP calling CQ 'test and local neighbor Bob, KI7MN and I called him. He came back to Bob, who was probably using his new rotatable antler. ;-) No problem, I simply QRXed until Bob finished and then tail-ended 'em. :-)  
:-) Thanks for sweeping the QRM aside for me, Bob!

Also heard and worked Doc, K0EVZ who told me he was running 300mw with his 49er. He was good copy, better than some of the Foxes I have worked this year! :-) :-)

Thanks to all who participated in tonight's event. I'll try it again tomorrow, if time permits.

72

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

-----  
Wow, much better results than last night!

I wound up with 15 QSO's, all on 40 except fellow ScQRPion, Gary, AB7MY on 80M.

It's hard to imagine that the PX/49'er folks are actually running radios that fit in the palm of one's hand, are simple to build, and cost about the same as two McDonald's "Happy Meals"!

Is this fun or what?

QRPP - the magic just never ends...

--

Brian Kassel W5VBO

ARCI # 3623

Phoenix AZ ScQRPions

-----



Well that was a little better tonight...worked one 40-9er and a couple of other stations including N5KS in MS not in the test but QRP... Stayed on 40 the whole two hours....Here's what I heard around 7040:

0103 38.78 W7MXQ - tried a couple of times..just couldn't it... 40-9er I think  
0108 40.21 WQ4RP - couldn't make it tried a couple of times  
0109 40.04 AA4XX 449 nc sa paul  
0114 41.00 KJ5TF worked him later  
0115 45.08 K7NSW probably qro  
0117 35.34 N0AC working RAC  
0118 37.09 VE2DPT working RAC  
0132 38.85 W5VBO 559 az tt brian  
0134 39.62 ???HAG de W7ELH  
0136 40.74 W8FT/C 549 oh ao bill  
0156 41.06 KJ5TF 5nn ar 49 jim - Booming in here  
0202 40.33 KM5LM in QSO  
0211 39.66 KM5MG working W5VBO  
0212 39.28 K0EVZ right at the noise again at 0246 - tried...no joy  
0217 41.58 HC4NJS about s5 here - anybody work him???  
0220 39.03 K4PQC 49 phil working AA4XX - couldn't find him again...  
0230 38.73 AB7UA good sig....didn't come back  
0232 36.85 N5KS/QRP Gene Moselle, Ms 5w to inverted vee - s5 to s9  
0244 39.25 K4WJR working W6EOT?? QRO??  
0248 39.36 KI0II called a couple of times - no response....weak  
0251 39.28 and elsewhere RV0AM swooped thru working stns....  
???? 34.49 KJ4CD in QSO  
???? 39.11 KF4ONH in QSO

Larry KA5T lewise@inetport.com Georgetown, Texas

-----  
Well, finally got a successful score in the Pixie contest -- made one contact. An infinite improvement from night #1 when no QSOs were made. Must be the fresh 9v alkaline battery I clipped on :-).  
I put about an hour into last night's effort -- will be there again tonight. 7.0405 as best I can tell with my fixed freq, crystal controlled  
Pixie II / MRX-40 combo. Rather than signing N4UY/QRPP, I'll try N4UY/PX  
and see if that improves my CQ response rate.

73 and Happy Holidays,

Jake [N4UY] Vienna, VA (Washington DC suburbs)

-----  
I thought I'd see what was happening with the contest last night. I did

manage two QSOs in the hour I spent at the rig. Doc, K0EVZ, here in Rochester was a moderate signal that seemed to increase in strength after our QSO. Brian, W5VB0, had a signal that ranged from uncopiable to nearly 599.

But I managed one of my longest QSOs on my 49er to Brian in AZ. That darn thing just doesn't have the selectivity I've grown used to with my Sierra and my former OHR rigs. This is work!

72.

Tony Drumm

ARS AA0SM - Rochester, MN

-----  
Randy,

Good job with the 49'er/89'er last night. Initially I had some reservations about your running the WQ4RP call with a 49'er/89'er, but you proved that it could be done. Your signal on both 40 and 80M was quite good. Those of us running other rigs sure appreciated the multipliers you handed out last night!!

I listened for AE4IC and N3G0 Saturday night but didn't hear them. Maybe they will make a return performance tonight on 80M.

40M continues to be hopping, with brisk activity the whole two hours; I just wish more of the stations were running 49'ers or Pixies; So far, out of 48 contacts, 9 have been in the 49'er/89'er/Pixie class. I heard K4PQC from GA working a number of stations with his 49'er, so at least some of the QRPP'ers are having success. Notably missing last night was Doc, K0EVZ, from MN, with his 49'er.

The West Coast and Midwest (as well as the East Coast) are definitely supporting the contest. Although most of the West Coast signals are lite, most of the stations that I hear also hear me.

Next year more of us will probably be running 49'ers or Pixies. Thanks for putting this fun contest together.

72,

Paul AA4XX

-----  
I had fun tonight. Tough fun. :-)

12/29/97

0006Z K0EVZ 49er

===

0103Z KB7MBI Fox

===

0120Z AB7MY Kenwood

0129 WE6W Pixie

0139 W6BAB Oak Hills

0142 K0EVZ 49er

0222 W5VB0 Ten Tec

--Brian, was that a tough enough QSO for you? :-)

--Doc, the QRN was gone on 2nd QSO but you were weaker by far. You are my first 49er QSO. Looks like best propagation for me is maybe 2330Z to NLT 0100Z this time of year. I made contact after 0100Z but they were tough.

--Ed, you are my first Pixie QSO.

--Alan, nice to work you again as a General Class Ham. :-)

--Harvey, you were down 500 Hz from my Index Labs center frequency but the QSO helped show me I may have a discrepancy between TX and RX.

Thanks.

--Gary, you were steady into Anchorage, as usual.

73, Jim, AL7FS

-- -----

May have missed some guys. Hope not, but the 40-9er is quite a challenge in heavy QRN/QSB :-). Fewer contacts tonight, but it was more fulfilling overall.

My XYL came into the shack..saw the keyer hooked to the tiny Altoids rig...and asked her usual incredulous question--Why are you doing that, when you have all this expensive gear?(!). Hmmm... Why indeed? Maybe when my ears stop ringing and my head clears...I can frame some sort of cogent response.

72/73,

--Doc/K0EVZ

-----

4 QSOs tonight. 3 in the first 20 minutes -- NC, OH and NY. Had to break

for bath and bedtime stories from 8:20 to 9:15. Called CQ/TEST DE N4UY/PX

from 9:15 to 10:00 (EST) -- only one QSO. But it was Florida -- WOW!! A

new state!!

My rig is a Pixie II / MRX-40 / Tick Keyer combo. It is a fixed frequency,

crystal controlled (7.0405, or so) rig putting about 200 milliwatts into a

wire dipole. All powered by 9V alkaline battery. I have to flip my homemade T/R switch and turn up my earphone volume to receive so if you respond to my CQ, please send my call a couple times then "DE your

call".

I hear everything within about 5 KHz -- all at the same time. Sending my call will help me focus in on your signal.

72,

Jake [N4UY] Vienna, VA (Washington DC suburbs)

-----

I got in two full hours tonight from W8FT/C using the Club's Drake TR-7 at 5 watts, a 2 element 40 meter beam at 90', and an 80 m dipole at 80'. Made 30 qso's. only 2 of them were on 80 - not much activity there! 24 qso's in the first hour - then it got slow! And I finally worked Chuck!  
73 - Bill - N8ET

-----

I haven't been on the air during the contest much and only made one contact so far. I'm using an old original Pixie2 built from scratch from Chuck Adams' drawing from the first Dayton building contest. I added a switch for 40 or 80 meters. It works OK but I really can't wait to build one of the W1FB versions with the audio filter and auto-switching TX offset.

Anyway - I worked W8FT/C last night. We had a nice solid copy QS0. I think I may need to recharge my battery though. I'm using a Yuasa 6ah 12vdc battery which usually yields almost 1 watt out. However, I noticed I was running about 500 mW instead.

I did hear N9DD on 40 meters one night, but he didn't hear me.

Hope to catch a few more of you tonight.

72

Nick - kf2ph

-----

Gang,

I agree that it's a real shot in the arm to have a 49'er/89'er linked with the club call. It gives the rest of us some much needed multipliers.

Boy, Randy, 40M SSB QRM was RUFF last night. I don't see how you heard anything thru all that mess. Let's hope for less SSB QRM tonight. Bob, it was good hearing your SMiTe last night. Your signal was excellent. Let the games begin!

Paul AA4XX

-----  
Another fun night, but the SA QRM down here was tremendous.  
I wound up with 9 QSO's on 40, 1 on 80M, 3 49ers, and no Pixies.

High point was having Jim, AL7FS come back to my CQ.  
Really rough copy for me attempting to get Jim's Rig type.  
He gets my vote for "Mr. Patience" of 1997!  
There were 3 stations that came back to my CQ, but  
were obviously not in the contest. Through Q&A I was  
able to get the needed info to make the exchanges complete.  
Interesting that each was running a QRO rig turned down to  
5W.

Could it be that this contest might be the seed that  
starts off a few more ardent QRP type op's?  
I'll be there again tonight, of course!

--  
Brian Kassel W5VB0  
-----

And then the great beacon wars began. WE6W was there all night on  
7.039.9 on my dial. A beacon in the night. Can you believe it...a Pixie  
as a beacon. W5VB0's signal came up like a beacon and he was on  
7.039.7 and finally the last beacon was WQ6RP on 7.039.6. All this and  
a QSO (FIST?) on 7.039.8. Wow. What a war. All this and the F Beacon  
was the strongest of all at 449. How does a Pixie compete? Ed seemed  
totally busy all night. I look forward to hearing about his night  
tonight.

It's fun to be on the air when I work someone....what a concept!

73, Jim, AL7FS  
-----

Bit slower tonight - I was only able to operate an hour but did get  
17 QSO's tonite - all on 40 m. The only Club I am missing now is K8QR  
- All the others have been heard and worked.

AL7FS made it to Ohio for QSO number 4 tonight!

A lot of time spent with QRPers who are not aware of the test who  
call for general QSO, but it gets new calls in the log!

Hope to be on again tmrw nite, but not sure if I can get the time...

73 - Bill - N8ET  
-----

After struggling with the 49r at 300mW with its half inch dia tuning  
knob

for the last two nites with little success(worked hard for a couple CA,  
NV

and local AZ). I set up my TS850 for 300mW out...same antenna(phased  
verticals) and worked:

N6MM Harvey CA

W5VBO Brian AZ  
NF2AR Rick NY  
WB0Y Dan CO  
WQ4RP Randy SC and  
W0RSP ADE SD

Was sure a pleasant surprise to hear Ade in there and also to work Randy using a 49r... Not a big score but nice to make it to both coasts with only 300mW...thanks to the good ears of Randy, Rick et al.

73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343

-----  
For the last night of the contest I could only operate the first hour and a half. Spent the most time on 40 since the Pixie freq (3.686.4) had S9 10+ ragchewers on it. Not a lot of stations worked but I'm impressed by the "quality"!

Nabbed:

K0EVZ in MN, N1TP in FL, N6MM in CA, W5VHO in AZ, KA5T in TX, NQ7X in AZ, and N0TU in CO.

--

73, Randy WJ4P  
Knightlites QRP-L #296

-----  
Randy,

I was really impressed with your last posting; I can appreciate how both you and Doc must have felt after working each other. Also the W6 station and all the others you mentioned were big catches. Kinda like my first experience catching a King Mackerel with my Zebco 202. Your Zebco was smokin', Dude.

72 es HNY,  
Paul

-----  
The contest was very satisfying...but don't know if my ears will ever stop ringing from the 7040 din :-). Last evening was the worst of all for QRM. And when the RTTY started right in the middle of a try for WQ6RP, I finally said, \*enough is enough"!

But OTOH, sure hope we do it again next year. HeHeHeHe. Happy New Year everyone. Thanks to one and all who tried for K0EVZ during this truly fun-and-useful contest.

72/73,  
--Doc/K0EVZ

-----  
Randy:

Looks like you are on your way to developing a formula for an interesting QRP activity. I am going to make some improvements to my Pixie II circuit, and I may even get around to building the 40-9er kit sitting on the shelf. I should be better prepared for the next edition.

One of my students built a Pixie II for a project in another instructor's printed circuit board fabrication class. His questions got me to start a Pixie for experimentation. Maybe if the student improves his cw, he will turn up on the QRP frequencies. He is KD6QAE, an advanced, but has not been on-the-air with cw very much (made the mistake of "learning" his code on a computer, hi).

Thanks for the QSO. Nice to work you.  
73, Harvey, N6MM.

-----  
Hi Randy:

Yes I heard your report OK, weak but no problem, then after I sent mine, I couldn't hear your acknowledgement.... Thought I heard a question mark (dittydumdumditty) so I just resent the whole thing.... Then I finally heard your QSL so knew we had it..... Think that was a nice little contest....Got to get that pixie or 40-9er built to tinker with.....I think it amazes people what a simple rig can do....You can sure learn a lot running those rigs too....And of course doing this mostly on 40 in the evening is MURDER.... Worked KJ5TF in AR two nights....Running his 40-9er....Good sig..... Only heard two chirpy signals the whole time.....Probably batterys running down.... Heard KI0II two nights way down in the mud, but think he(SHE?) was signing /49 or /PX.....could never get a response....

72

Larry KA5T

-----  
I plan to run the Pixie until the Spartan Sprint on Monday, then put it on the shelf for a while. That will make 4 weeks of nothing but the Pixie. Did pretty well so far-- 48 QSOs, 13 states and 2 provinces, but I'm missing the hot openings on 15m so I'm going there with my Scout.

I'll also run the Pixie in "Straight Key Night" tonight. I rigged up a piece of single sided PC board and an old, heavy-duty, 1/4 plug as a key (again, very basic stuff here -- good thing I'm only running 200 mw) for a

key. If 7.0405 is even partially clear, I'll be on -- hope to see you all there.

72/73 and Happy New Year,

Jake [N4UY] Vienna, VA (Washington DC suburbs)

-----  
Your 49'er and 89'er were responsible for the vast majority of my points. Thanks for all the work in planning and running this contest. Next year, I'll be running Pixies instead of the Sierra. The turnout was excellent, even though conditions varied considerably over the four nights I operated. I'm already looking forward to next year!

73 es Happy New Year,  
Paul AA4XX

-----  
I really, really, liked that contest. I wish I could have heard more stations. I have to be on vacation to work it but I was this year. I would like to find my 49er and build it. It is very lost in the garage for now. sigh.

=====

Note the "I really, really" stuff. Just thought you should know.

--

73, Jim, AL7FS

-----  
It was a great Contest. Wished I had heard more pixies/49ers. Thanks for including the WQ\_RP bonus points. Hopefully more contests will include some form of this. Gets us out and operating.

72  
Paul N6EV @ WQ6RP

-----  
I homebrewed a new pixie2 just for this contest. My first pixie2 was the standard HSC purchased version and I duplicated it using dead-bug placement on top of a ground plane. I made it RF tight by using coax between each stage and soldered pc board material between each stage as well. I ran my pixie2 off a 12 Volt car battery, added a 5.62 volt zener to pin 6 of the LM386 to keep it tamed. Without the zener, the LM386 was overdriven and shared nothing but noise!

-Ed Loranger, we6w



-----  
Well, if you made it this far, you probably figured out that we had a good time!  
Get busy and put together a Pixie or a SMiTe or whatever and get on with us next time!

--

73, Randy WJ4P  
Knightlites QRP-L #296

-----  
Date: Fri, 20 Feb 1998 16:19:08 -0800  
From: "Russell W. white" <ruswhite@netzone.com>  
To: qrp-l@Lehigh.EDU  
Subject: [4393] Magnetic mounts  
Message-ID: <3.0.3.32.19980220161908.007da3f0@pop.netzone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have seen ads for three magnet and four magnet mobile antenna mounts. I was wondering what opinions there might be concerning which is the better mount. Also, what experiences and what vehicle are they used on.

Thanks, Russ AB7JX

-----  
Date: Fri, 20 Feb 1998 16:23:04 -0700  
From: Phil <k6ls@prolynx.com>  
To: ruswhite@netzone.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [4394] Re: Magnetic mounts  
Message-ID: <34EE1058.676B1757@prolynx.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have run most of the Hamsticks on my 3 magnet mount without any problems.

You do need to run a ground from the mount to vehicle ground.

Other than a sore sight traveling down the road, It works FB.

(the mount and ant is almost bigger than my Ford Aspire,  
almost don't have enough ground plane ;-)

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org  
http://www.qsl.net/k6ls  
http://www.prolynx.com/k6ls  
DM79oq, Arapahoe County, Colorado  
ITU zone 7, CQ zone 4  
QRP-L #612 NorCal #824  
CQC #471 ARCI #8866

-----  
Date: Fri, 20 Feb 1998 18:49:23 EST  
From: MSU1972@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [4395] Key Clicks  
Message-ID: <6f61a79a.34ee1686@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Just finished the 40A and love it...also enjoy the 38S. My only wish is that  
the next latest and greatest qrp kit would not have any key click or thump...

David

However, this is a minor inconven. for this great qrp hobby...

David

-----  
End of QRP-L Digest 1007

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